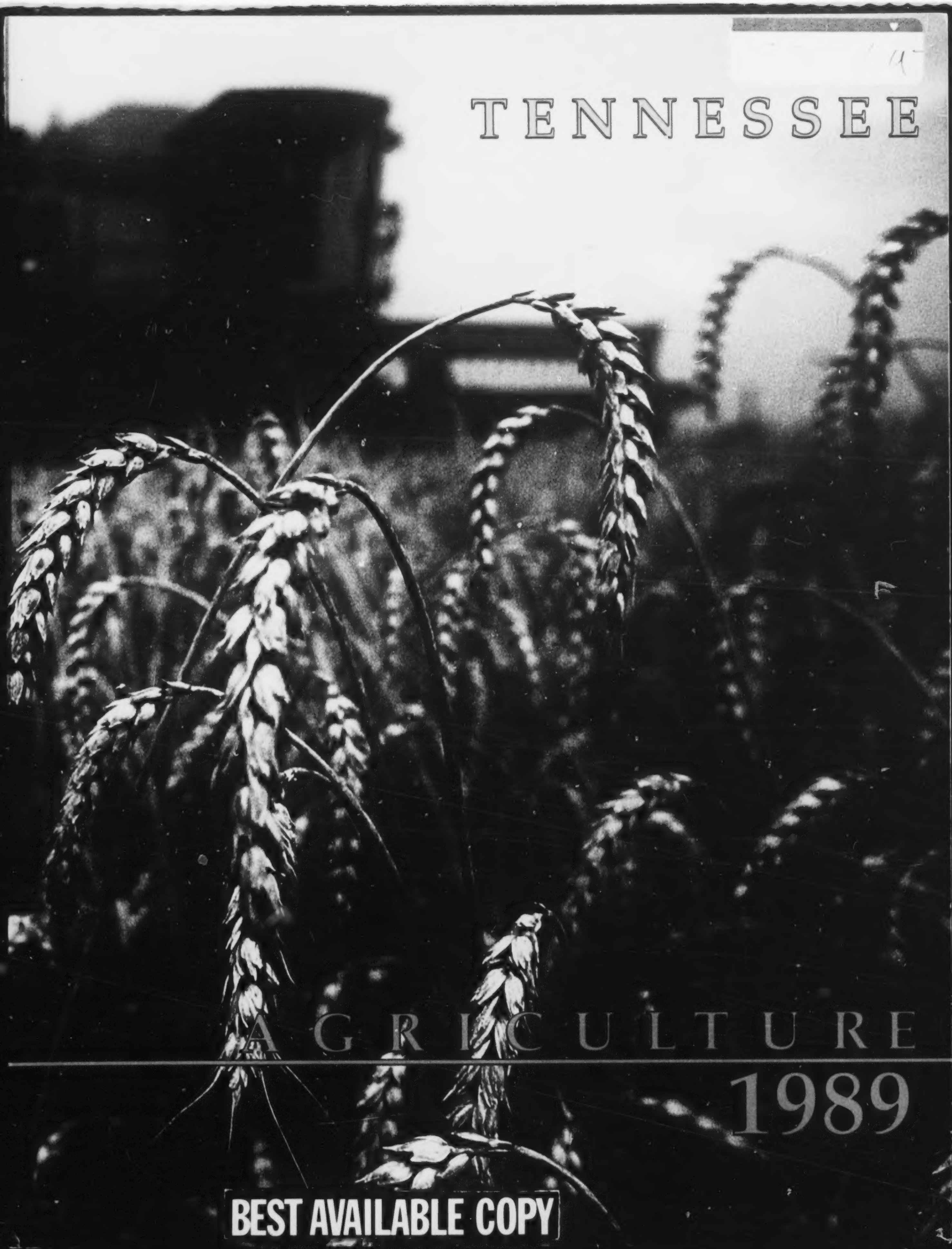

TENNESSEE AGRICULTURE 1989

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ABOUT THE COVER

This year's cover celebrates Tennessee's record yield of wheat in 1988. A remarkable 50 bushels per acre was the average yield, surpassing Tennessee's previous best of 44 bushels per acre crop produced in 1981. The 1988 state wheat production from 430,00 acres totaled 21.5 million bushels of wheat. The average market price per bushel was $3.40, bringing the total value of Tennessee's 1988 wheat crop to $73,100,000.

The cover photograph was taken at the Oliver family farm in Gleason, Tennessee, the home of TDA Deputy Commissioner Terry Oliver.

Photo by Jed DeKalb, State Media Production Services.
Artwork by Pete Cardinal, State Media Production Services.

A WORD FROM THE GOVERNOR

Dear Friends,

Since the first pioneers crossed the mountains into the land of the Cherokee, Tennesseeans have depended on products they grew and made themselves from the rich land around them.

It's still that way today. Farming and related agri-businesses account for nearly $2 billion annually in cash receipts and jobs for 20 percent of Tennessee's workforce.

I recognize agriculture as the core of our state's strong economy and of our high standard of living. As a Tennessean with a rural background, I also know that our agricultural way of life is the foundation for many of the values and high standards which thrive in both city and country throughout Tennessee.

Tennessee enjoys agricultural abundance— an outstanding variety of produce and processed products of the highest quality. All Tennesseans benefit both from the agricultural products themselves and from the agriculture dollars which turn over many times within their communities. And today we not only support our own economy, but also send a host of Tennessee products around the globe.

As evidenced by the information contained within these pages, agriculture keeps Tennessee, literally, in a "great state of growth."

Sincerely,

Ned McWherter

Ned McWherter
Governor

Tennessee PRODUCTS
TENNESSEE DEPARTMENT OF AGRICULTURE
UCTS
COUNTRY HAM
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YSONG'S
PIMENTO SPREAD

THE COMMISSIONER'S MESSAGE

The Tennessee Department of Agriculture and the National Agricultural Statistics Service— together with our farmers, businessmen, educators, researchers and many others— have come together to create a message about Tennessee agriculture.

For many years we have joined forces to give Tennessee farmers the statistical, financial and practical information they need to succeed from year to year. As the years have passed, however, and the scope of Tennessee agriculture has touched more and more people, our annual report has become a message to the world.

Tennessee Agriculture 1989 is the most complete and accurate information available about the state's most vital industry. Our message is a positive one— that in spite of weather conditions, Tennessee farmers were able to rely on their diversity and resourcefulness to have a consistent year, including an all-time record yield of wheat.

Producing a document of this magnitude is a year round project for many federal and state employees; Tennessee Agriculture 1989 is a tribute to their talent, dedication and cooperation.

It is a pleasure to provide the public with this message to the world; as we continue to monitor and to chart the future course of Tennessee agriculture, we welcome your input and recommendations.

Sincerely,

L.H. "Cotton" Ivy

L.H. "Cotton" Ivy
Commissioner of Agriculture

TENNESSEE AGRICULTURE

Tennessee agriculture is as varied as the topography of the state itself— from the cool mountain forests of the east to the black loamy flatland in the west. Farms and forests dominate Tennessee's landscape. About 13 million acres— roughly half of the state's land area— are held in Tennessee's 96,000 farms. The growing season in this Sunbelt state averages 8 to 10 months and water is plentiful.

In and around hillsides, in the shadow of mountains and among the fertile river valleys of east Tennessee are the beef cattle, dairy farms and tobacco so well suited to this type of terrain. Many different farming enterprises fill out this region's agricultural profile, however, which can be be said of practically every area of Tennessee.

Middle Tennessee is made up of a dish shaped plateau rimmed with mountains to the east sloping off to rolling hills westward and bordered on either side by the Tennessee River. The abundant rolling pastureland makes middle Tennessee's beef cattle, feeder calf and feeder pig operations a practical choice. A variety of row crops also flourish in middle Tennessee, as does the world's nursery capitol in Warren County.

West Tennessee is a land of lush flatland created courtesy of the Missisippi River's ancient floodplains. West Tennessee agriculture centers around the state's largest row crop operations. The state's highest yields of soybeans, wheat, corn, cotton and sorghum traditionally come from this delta region. West Tennessee's famous river city, Memphis, has made area farmers a part of a major product transportation point since the state was settled.

Tennessee agri-industry and business thrives thanks to the state's diverse products, a strong traditional work ethic and a right-to-work environment. Tennessee is also within 500 miles of 76% of the nation's major markets and population— a good situation enhanced further by a transportation system which includes seven intersecting interstate highways, two major airline hubs, 1,062 miles of navigable waterways, direct access to the Gulf of Mexico and nationwide rail access.

Tennessee agriculture extends far beyond its state boundaries. Today,Tennessee agriculture makes an impact around the globe, and with an ongoing emphasis in research, education and high technology, Tennessee's place in agriculture is secured for the future.

THE
TENNESSEE
DEPARTMENT OF AGRICULTURE

Agriculture is a Tennessee tradition.

In 1854, the Bureau of Agriculture was organized as the very first state agency in Tennessee—eight years before the United States Department of Agriculture. The Bureau's purpose was to promote agriculture through fairs and livestock shows. The agency was discontinued during the Civil War but was reorganized in 1871 as the Bureau of Agriculture, Statistics and Mines. In 1893 the agency's name was changed to the Tennessee Department of Agriculture.

Today, TDA has as its primary purpose "the encouragement and promotion in every practical manner the interest of agriculture." Agriculture is still Tennessee's number one industry, though agriculture itself has changed dramatically since the days when nearly all Tennesseans were farmers of some sort.

Production agriculture, farm supply, product processing and distribution form the basis for Tennessee's complex agri-business industry. Tennessee products are as diverse as its landscapes—from east Tennessee tobacco to middle Tennessee nursery stock to the catfish farms of west Tennessee.

The original Bureau of Agriculture had a staff of nine— the governor and eight others who met twice a year to transact state business. Today, TDA touches the life of every Tennessean, every day through its seven major divisions and more than 350 employees. Divisions of administration, agricultural resources, animal industries, commodity distribution, quality and standards, marketing and plant industries provide an outstanding spectrum of services.

ADMINISTRATION

TDA's Division of Administration, located at Ellington Agricultural Center in Nashville, is the coordinating unit of the Department. Administration supervises and assists all of the Department divisions.

Headed by the Commissioner of Agriculture, the staff of the administrative division includes the Deputy Commissioner, two assistant commissioners and other administrative staff. Administration is in charge of the Department budget, legal services, personnel and information services.

According to Terry Oliver, deputy commissioner for TDA, "The scope of the Department's responsibilities and programs is so great— a $14 million annual operating budget, about 350 employees all over the state and a host of regulatory, legal and promotional functions— that timely and efficient management is vital."

TDA has also maintained its traditional role in fair administration and livestock shows. More than 2.7 million people visit some fifty fairs held annually in Tennessee, which have combined annual receipts of more than $7.3 million. Fairs and livestock shows pay more than half a million dollars to the approximate 55,000 exhibitors of agricultural products every year.

"We have a strong commitment to our youth," said Oliver of TDA's ongoing support of agricultural youth clubs. "The cultivation of skills, character and personal development of Tennessee youth is an investment we want to make." The Future Farmers of America and 4-H clubs across the state receive significant TDA support for their various shows, projects and programs which offer educational opportunities— opportunities which help shape tomorrow's leaders. "Many of Tennessee's current leaders and achievers are products of FFA chapters and 4-H clubs," said Oliver. "Governor McWherter was president of his FFA chapter."

TDA administration also operates the Oscar L. Farris Agricultural Museum, which gives tourists and Tennesseans alike a look at their agricultural heritage. The museum features more than 2,600 farm implements and rural household items dating from the first years that Tennessee was settled to the electrification of Tennessee farms. The annual Historic Rural Life Festival brings as many as 6,000 Tennessee schoolchildren in touch with their past in a single week, when such traditional skills as milking, sheep shearing, weaving, blacksmithing and hominy making are demonstrated. All museum activities are free of charge.

A New Commissioner in 1988

Governor Ned McWherter announced late in the year that L.H. "Cotton" Ivy, former legislator, would be Tennessee's new commissioner of agriculture. Ivy, who has taught vocational agriculture and worked for the Tennessee Farm Bureau, is also a country humorist.

New Commissioner Ivy said that his goal for himself as commissioner is to "bring the word about the Tennessee Department of Agriculture to every Tennessean— so that every citizen of this state will know just how important agriculture and our services are to them on a daily basis."

As Ivy took his place in Tennessee's top agricultural post, former commissioner A.C. Clark led the way for agricultural economic development in a new position with the state Department of Economic and Community Development. Clark's appointment marks the first time agriculture has been represented in a staff level position.

The Oscar L. Farris Agricultural Museum formed its own chartered museum association in 1988, firmly establishing itself as the focal point for Tennessee agricultural history. More than 12,000 visitors came to the museum during the year.

TDA supports agricultural youth organizations and agricultural and livestock exhibits across the state through its administration division.

DIVISION
OF
AGRICULTURAL RESOURCES

Agriculturalists are also environmentalists. TDA's newest division, the Division of Agricultural Resources, is a reflection of Tennessee's desire to be a good steward of its land.

Agricultural Resources was originally organized to help farmers reduce soil erosion.

In 1979, soil erosion was stealing away Tennessee land at an alarming rate— as much as 16 tons per acre on Tennessee's five million acres of cropland. TDA offered technical assistance and a cost sharing program for special erosion projects in particular districts. The annual erosion rate has been reduced to nine tons per acre, with a goal aimed at "tolerance level"—five tons or less per acre, per year.

The agricultural resources division employs 19 soil conservationists across the state, and continues to administer cost-sharing programs.

The division works cooperatively with the State Soil Conservation Committee to plan and manage agriculture related non-point water pollution control activities, and also assists Tennessee's 95 soil conservation districts with their own soil and water programs as they promote correct conservation practices. State funds for Tennessee's conservation districts are appropriated to TDA.

In addition, Agricultural Resources assists the commissioner with his responsibilities to various water quality, reclamation and conservation boards, committees and programs.

The challenge for Tennesee's future, according to the division's acting director, Joe Richardson, is to " keep our state as beautiful, livable and productive as it has been in the past." Richardson predicted that "over the next 25 years, our great state will receive thousands of new residents."

With TDA's help, the land they find upon arrival will continue to provide aesthetic and agricultural abundance.

DIVISION
OF
ANIMAL INDUSTRIES

"In every animal species, the ravages of disease are a major threat to good health and profitability," according to state veterinarian and director of the Division of Animal Industries, Dr. John Ragan. "In a livestock industry consisting of numerous small breeding herds, a myriad of problems in marketing information and procedures beg for solution."

The Division of Animal Industries tackles these twin tasks— to promote good health in and to efficiently market Tennessee livestock.

Animal Industries represents the state's largest generator of agriculture commodity revenues. The division is charged to control and eradicate livestock and poultry diseases through a variety of service, regulatory, licensing and certification programs, many of which are conducted in cooperation with the USDA. More than 35,000 health certificates are processed each year in support of active livestock commerce with other states.

Quarantines, testing and high standards for importing and moving livestock help the division accomplish its duties, as well as a law enforcement team which helps monitor, inspect and take action when necessary.

"The grading and marketing activities of the division help make it possible for small livestock producers to receive competitive prices through offering combined lots of animals of similar weight and grade," said Ragan. Animal Industries also works with other state and federal agencies to bring accurate and detailed livestock market news to producers, dealers and buyers throughout the state on a daily basis.

The Kord diagnostic laboratory offers comprehensive veterinary diagnostic services—gross and microscopic pathology, virology, bacteriology, immunology, to xicology—to livestock and pet owners, and to the 1,100 practicing veterinarians across the state who encounter animal diseases which "resist solution." The laboratory handles more than 25,000 cases per year.

COST SHARING CONTINUES

In 1988, a $610,000 grant was allocated on an "as needed" basis for 39 soil conservation districts to treat severely eroded lands. With these funds, landowners were paid 75% of the cost to undertake the necessary conservation practices to reduce erosion to acceptable levels.

An additional $10,000 grant was assigned to convert eroding cropland in the Reelfoot Lake drainage area into alfalfa. Again, individual farmers were paid 75% of the cost for implementing the program.

The ongoing push to complete soil survey maps for all of Tennessee's 95 counties was accelerated by a $6,000 grant to nine counties in which additional soil scientists were employed.

Tennessee's annual erosion rate has been reduced from 16 tons per acre to 9 tons per acre since 1979 when Agricultural Resources was organized.

Demands for Services Increase Due to Drought

"Demands for diagnostic services continued to increase throughout 1988," said state veterinarian Ragan. "A large part of this was the result of prolonged drought which caused a dramatic rise in poisoning by mycotoxins, nitrates and cyanides in drought-damaged forage."

Potomac Horse Fever (Equine Erlichiosis) was diagnosed during the year in middle Tennessee, the first time ever outside a single uppereast Tennessee focus. Such findings alert the diagnostic lab to a potential future concern for veterinarians and horse owners.

Brucellosis in Tennessee cattle was recorded at an all time low in 1988— only seven infected herds were quarantined at year's end. "It is clear that our long-sought goal of complete eradication of this disease is in reach," said Ragan, "if we can maintain current levels of state, federal and industry commitment and activity."

Graded board sales of yearling feeder cattle continued to grow. Five board sales in 1988 sold 5,745 cattle for $3,217,200. In 76 sales, 55,165 calves were graded and sold for $23,720,950. There were 603,512 pigs sold for $27,158,040 at 520 graded organized pig sales.

"The Division of Animal Industries is dedicated to serving the needs of the livestock industry in Tennessee," said Ragan. "Disease control and marketing services can go far to help keep Tennessee producers in a profitable, competitive position."

Top - ranked TDA livestock graders expertly divide feeder pigs into lots for a graded sale.

DIVISION
OF
COMMODITY DISTRIBUTION

One of TDA's favorite ways to help Tennesseans is through the Division of Commodity Distribution. Through a cooperative effort between the U.S. Department of Agriculture, this division requisitions and distributes USDA donated foods which are allocated to Tennessee. These USDA purchased commodities and surplus foods go to Tennessee's public and charitable institutions to reach eligible groups and individuals across the state.

The primary recipients of these foods are Tennessee school systems under the National School Lunch Act, which receive annually about $20 million in food products; low income households under the Emergency Food Assistance Program, who receive about $10 million in these products; charitable and state institutions, about $1.3 million; and summer camps, which receive about $ 35,000 worth of USDA purchased and donated foods.

Tennessee's school children get more inexpensive, nutritious meals made with a complete roster of foods through the School Lunch program and TDA. If an individual tried to pay this grocery bill, he would owe more than $400 a minute for every working day of the Department!

These groups are not the only beneficiaries of this federal program, however, according to commodity division director Harold Heiser. "The programs also benefit agriculture by the purchase of surplus perishable commodities to remove excess production and stabilize farm prices," Heiser said.

"Another aspect [of the program's benefits] is the bill which authorizes USDA to purchase and distribute commodities for the purpose of supporting farm prices," Heiser added. Beyond these positives, Heiser also pointed out that "the USDA commodity program is probably the only government procurement program which can guarantee that only U.S. products are used."

The Division of Commodity Distribution also enters into processing contracts in which commodities are converted to quality processed foods— foods which usually require little preparation cost. A good example of this strategy is the conversion of 1,530,479 lbs. of cheddar cheese and 1,260,220 lbs. of flour into tasty pizzas— a favorite of school children.

Helping the Homeless in 1988

TDA's commodity distribution division responsibilities have traditionally matched the times, carrying out programs to meet Tennessee's and the nation's needs.

In 1988, the U.S. Congress appropriated $40 million for the purchase of commodities to assist feeding the homeless. Of this amount, Tennessee has received more than $800,000. A separate distribution network has been established using Second Harvest and other food banks so that these commodities may be funneled to the homeless and to such temporary shelters as those for battered women and children.

Any excess commodities at these soup kitchens are added to food baskets to serve as temporary rations for needy households.

"These food banks are doing a terrific job," said Heiser, "and USDA is now recommending this method as the preferred distribution system."

Tennessee school children enjoy inexpensive, nutritious meals with the help of the National School Lunch Act and TDA.

DIVISION OF MARKETING

The mission of the Division of Marketing is to create new markets and to expand existing ones for Tennessee agricultural products— an objective which requires strategies as diverse as Tennessee agriculture itself.

Marketing conducts activities at practically every level of the agricultural industry to connect buyers with Tennessee producers from "pick-your-own" operations and farmers markets, through all stages of the production process, to the finished product. Division employees travel throughout the state, across the nation and internationally to bring Tennessee products to consumers and to keep abreast of market developments.

"Pick Tennessee Products" is a brand new promotional project established to encourage Tennessee consumers to identify and purchase high quality agricultural products grown and made in their own state. Grocery stores, growers and manufacturers are involved in the campaign which reached an estimated 2 million Tennesseans in 1988.

Livestock promotions have played an important role in international marketing, particularly for South and Central America. Joe Gaines, director of the marketing division, said that "For the past two years, we've exhibited at the Queretero Livestock Exhibition in Mexico. We've hosted several buying team visits from Mexico as a direct result of those efforts, and that really pays off for Tennessee farmers."

"The fruit and vegetable industry continues to be a priority for us," said Gaines. TDA provides assistance to these producers through producer directories and other publications, emphasis on the development of regional markets and the opportunities for "pick-your-own" operations and retail sales.

TDA also works with the Department of Economic and Community Development to recruit companies and industries to Tennessee which would use Tennessee farm products in manufacturing.

Market services include two toll-free 24 hour access lines with timely farm commodity information which receive more than 8,000 calls per month. Farm commodity information is also disseminated through about 100 radio stations across the state. International services provide educational opportunities for agri-businessmen, hosting buying teams from other countries and leading sales teams on missions across the globe.

Marketing Picks Tennessee Products and Equines for '88

"1988 has been a really productive year," said marketing director Joe Gaines. "Our 'Pick Tennessee Products' had its pilot year in 1988 and was successful beyond our expectations."

"We believe we've done a lot toward our goal to get Tennesseans to buy more products grown and made in Tennessee," said Gaines. The division featured a different Tennessee product each month in a broad media campaign and involved hundreds of Tennessee retailers and producers in the promotion. Developing the "Pick Tennessee Products" project will remain a division priority.

TDA also launched a new program in equine marketing during 1988. "We have spent considerable time organizing horse interests and learning the scope of the industry," said Gaines.

Marketing worked closely with the Agricultural Statistics Service at TDA to develop a statewide equine survey and feels the results will attest that "equine groups hold the potential for substantial impact on Tennessee's economy."

TDA's marketing division works hard to help consumers find high-quality Tennessee products at local, direct-from-the-farm operations like this one.

DIVISION
OF
PLANT INDUSTRIES

The Division of Plant Industries is deeply committed to both the consumer and the land. Plant Industries is responsible for the prevention, control and eradication of insect pest and plant diseases in the state as well as the regulation of the industry. "Every aspect of Tennessee's $2 billion plus nursery and greenhouse industry is affected by this TDA division," said Sylvester Davis, director of the division.

The three basic branches of Plant Industries are its administrative, environmental control and plant certification sections.

The administrative section supervises projects for bird control, forestry, and apiaries (beekeeping). The apiary section is responsible for the control and eradication of bee pests and the promotion of Tennessee beekeeping; the bird control unit aids in blackbird control in populated areas; and the forestry unit provides expertise to survey and detect forest pests throughout the state— like the Gypsy Moth, which, said Davis, "has devastated entire forests in other states but has been kept at bay, here."

The environmental control branch of Plant Industries tests, certifies and licenses private and restricted use pesticide applicators and monitors all pesticides, from the producer to the consumer. The pest control unit enforces the rules and regulations of the U.S. Environmental Protection Agency and issues licenses on advice of the state Pest Control Advisory Board, while the division pesticide laboratory analyzes formulated pesticide products to verify label claims. The laboratory also tests soil and tissue matter for pesticide residue.

TDA's plant certification section inspects and certifies all plant stock and plant materials except seeds.

Division Employees a "Mite Bugged" With Pests in '88

Continued monitoring and research on two bee pests— the tracheal and varroa mites— stepped up in 1988 with a cooperative grant agreement between the USDA, other government agencies and Plant Industries. Only tracheal mites were found in Tennessee, which were discovered in east Tennessee's Greene and adjoining counties.

Black imported fire ants continued to be detected in Tennessee, with 35 incidents involving the interstate movement of nursery stock, which resulted in regulatory action against the red fire ant.

"Greenhouse owners are concerned by the detection of the sweet potato whitefly on plants from some other states," said division director Davis, " which has occupied a considerable amount of the plant certification section's time." There were 3,540 vegetable plant certifications issued during the calendar year, and the acres of nursery stock increased by about 1,816 acres. There were 1,981 nursery and plant dealers certified, as well.

The pest control unit performed 90,069 various enforcement and regulatory activities last year, including licensing and violations.

Tennessee's great and growing nursery and greenhouse industry is regulated through TDA's plant industries division.

THE DIVISION
OF
QUALITY AND STANDARDS

"The Division of Quality and Standards touches the life of every Tennessean 365 days each year," according to division director Jimmy Hopper. "The results of this division's work affects the safety, health and well-being of the citizens of this state."

Quality and Standards inspects just about every agricultural product at every step of its journey to the citizen who buys it. Every Tennessee scale that weighs produce, every Tennessee gas pump that meters out fuel has been inspected and calibrated by TDA's Quality and Standards. This division also regulates the industries and areas of dairy, feed, seed, fertilizer, food, weights and measures, grain storage facilities and consumer product safety. Quality and quantity are carefully monitored as well as compliance with laws.

Equipment and weights used by scale and pump services and repairmen are checked by TDA's weights and measures laboratory which is linked to the National Institute of Standards and Technology. Grain facilities must meet certain financial requirements to be licensed by TDA to help reduce financial risks to Tennessee commodity producers.

A brand new responsibility of Quality and Standards is to enforce the Motor Fuel and Kerosene Act of 1989. This act requires surveillance of the petroleum industry to help assure quality in petroleum products sold in the state. "The field inspection forces of this division have all accepted additional responsibilities to implement this program at the least cost to Tennessee taxpayers," said director Hopper.

Hopper emphasized that Quality and Standards "significantly affects Tennessee families and businesses economically and healthwise." He added, " And all these services are provided to the citizens of Tennessee at an approximate net annual cost of 59 cents per person."

Petroleum Problems and Programs Addressed in 1988

In addition to its other responsibilities, Quality and Standards spent much of 1988 anticipating and planning for a new program in which petroleum products would be tested for quality.

A 1988 quality and standards division study indicated quality problems in 111 samples of petroleum products gathered from across the state. When these findings were reported to the state legislature in the spring, a legislative subcommittee formed to investigate the idea that Tennesseans might well need a protective and regulatory program aimed at petroleum product quality.

In anticipation of the new program, standards inspectors began late in the year to transfer some responsibilities to dairy inspectors, since, according to division director Hopper, "Crosstraining of inspectors will limit the number of new positions necessary to implement such a major program and still provide current services."

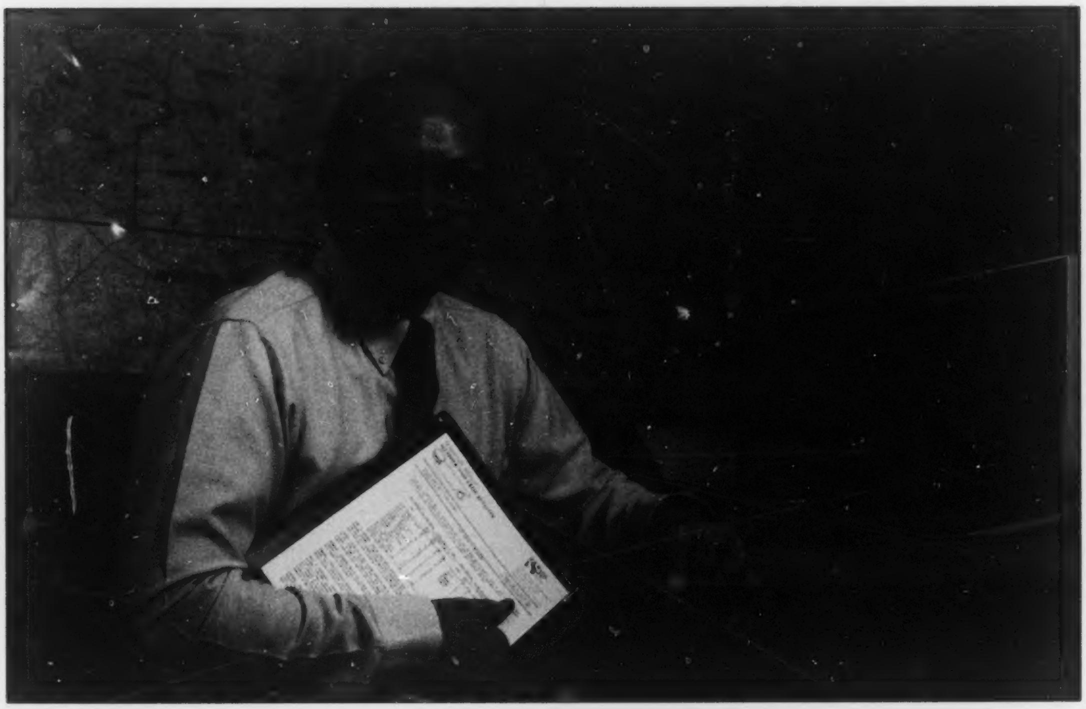
Dairy inspectors assumed feed, seed and fertilizer inspections, while standards inspectors planned to add motor fuel and kerosene inspections to a list which already included fuel pump dispersions and readings, scale calibrations and weights and measures inspections.

Hopper said the changes promised even more efficiency within the division. "Standards inspectors would be overloaded when the new program began. Dairy herds have decreased over the years, so to prevent attrition, responsibility can be shifted to the inspectors who already work with their area farmers on a daily basis, anyway."

Hopper also anticipated even greater sampling and inspection consistency. "They'll all have been trained for the same amount of time by the same people, in the the same manner," he explained.

"These changes are a direct result of the governor's initiative to review, reduce and reorganize," Hopper pointed out, "while balancing workloads and improving efficiency with employees and travel."

Quality and Standards employees inspect and analyze products ranging from dairy products to feed, seed and fertilizer.



This publication provides a statistical hindsight of how Tennessee's farmers weathered the drought of 1988. It reminds us that, in spite of our technology, there remains a high weather-related risk in production agriculture. And, as we have seen in the recent-years period of dry weather, the timing of rains can significantly alter final crop output.

The cover of this report reminds us that, while 1988 was devastating for many corn growers, hay producers and livestock operators, a record yield of high-quality wheat was cut in the state.

The need for timely, reliable information on crop and livestock conditions and prospects was increased in 1988 by the severity of the drought. Through our normal program of weekly and monthly reports, we were able to respond to much of that need. Therefore, we owe a special thanks to the farmers, agricultural extension personnel, business firms, climatologists and others who provide the basic facts for all our reports, including this statistical summary.

I commend our office staff and our part-time personnel across the state for their dedication and talented efforts in collecting, summarizing and publishing "good numbers," especially during a year like 1988.

Ron Brantner

Ron Brantner
State Statistican

TENNESSEE AGRICULTURAL STATISTICS

1989

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NATIONAL AGRICULTURAL STATISTICS SERVICE

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TENNESSEE
DEPARTMENT OF AGRICULTURE

L. H. "COTTON" IVY, COMMISSIONER

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Map of Counties, Districts ... Inside Back Cover

Tennessee Farm Land

The number of farms in Tennessee declined slightly in 1988 to the lowest point on record. Despite falling this year, farm counts have remained fairly steady for the past ten years. Tennessee farm numbers during this period have ranged from 98,000 to the current 94,000. Farm numbers peaked in 1935 at 274,000. Less than half of Tennessee's 26.3 million acres is agricultural land used for crops or grazing. During 1988, the estimated acreage of land in farms was 12.8 million, up 200,000 from 1987 but down 200,000 from 1986. Acreage devoted to Tennessee's major crops was up 5 percent. Some marginal land, not in agriculture previously, was cut for hay in 1988.

NUMBER OF FARMS: SELECTED STATES, 1982-88[1]

STATE	1982	1983	1984	1985	1986	1987	1988[2]
				NUMBER			
Alabama	55,000	54,000	54,000	54,000	51,000	49,000	49,000
Florida	40,000	40,000	40,000	39,000	39,000	39,000	40,000
Georgia	57,000	55,000	51,000	50,000	49,000	48,000	49,000
Kentucky	103,000	103,000	101,000	100,000	99,000	99,000	99,000
Mississippi	53,000	51,000	50,000	48,000	46,000	45,000	43,000
North Carolina	86,000	83,000	79,000	76,000	73,000	72,000	70,000
South Carolina	31,000	29,000	28,000	27,500	27,000	26,000	26,500
Tennessee	**95,000**	**95,000**	**97,000**	**98,000**	**96,000**	**96,000**	**94,000**
United States	2,400,550	2,370,200	2,328,400	2,274,730	2,211,920	2,176,110	2,158,800

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[1] A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.
[2] Preliminary.

LAND IN FARMS: SELECTED STATES, 1982-88[1]

STATE	1982	1983	1984	1985	1986	1987	1988[2]	Average Size of Farms
				1,000 Acres				Acres
Alabama	11,800	11,600	11,500	11,500	11,000	11,000	11,000	224
Florida	13,100	13,000	13,000	13,000	13,000	13,000	13,000	325
Georgia	14,000	13,700	13,500	13,500	13,300	13,000	13,000	265
Kentucky	14,500	14,500	14,500	14,500	14,500	14,500	14,500	146
Mississippi	14,500	14,300	14,200	14,100	14,000	13,800	13,500	314
North Carolina	11,100	11,000	11,000	10,800	10,800	10,800	10,500	150
South Carolina	6,000	5,800	5,600	5,500	5,400	5,200	5,300	200
Tennessee	**13,400**	**13,400**	**13,400**	**13,400**	**13,000**	**12,600**	**12,800**	**136**
United States	1,027,795	1,024,195	1,109,378	1,014,383	1,007,643	1,002,603	998,692	463

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[1] A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.
[2] Preliminary.

FARM GROSS INCOME, EXPENSES, AND NET INCOME: TENNESSEE, 1982-87

Item	1982	1983	1984	1985	1986	1987
			Million Dollars			
Agricultural Cash Receipts	1,949.2	1,803.4	2,118.1	2,032.6	1,854.3	1,832.7
Government Payments	28.1	65.8	76.6	61.7	98.4	156.7
Non-Cash Income[1]	509.5	489.6	509.2	463.4	463.9	461.[illegible]
Other Farm Cash Income[2]	57.6	78.2	85.4	83.7	87.0	103.3
Net Inventory Adjustment[3]	98.2	−122.8	89.6	−42.0	−145.6	−1.5
Gross Farm Income[4]	2,642.6	2,314.2	2,878.8	2,599.5	2,358.1	2,653.0
Production Expenses[4]	2,176.1	2,178.5	2,261.6	2,129.9	1,959.3	2,011.2
Net Farm Income	466.5	135.7	617.2	469.6	398.8	641.8

[1] Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm households.

[2] Includes cash income from machine hire, custom work, recreational income, other farm business-related income and forest product sales.

[3] The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.

[4] Includes operator households.

Source: "Economic Indicators of the Farm Sector", State Financial Summary, 1987, USDA, Economic Research Service, November 1988.

FARM PRODUCTION EXPENSES: TENNESSEE, 1982-87[1]

Item	1982	1983	1984	1985	1986	1987
			Million Dollars			
Feed	228.4	273.6	251.8	238.3	208.1	203.2
Livestock	64.0	70.7	97.6	112.5	135.7	184.3
Seed	40.5	38.2	44.0	42.7	38.1	38.4
Fertilizer & Lime	136.4	132.7	128.5	127.3	103.8	114.7
Pesticides	57.8	56.1	64.4	67.5	60.6	62.0
Fuel & Oil	107.4	102.1	97.2	89.6	65.2	60.5
Electricity	19.1	20.0	20.2	20.1	18.1	22.3
Repair & Maintenance	162.1	166.0	172.4	185.9	191.6	198.4
Other Operations[2]	180.9	202.3	225.0	202.3	187.2	198.6
Interest—Real Estate	171.5	177.1	175.8	137.4	127.0	111.5
—Nonreal Estate	209.1	183.1	171.3	121.2	108.7	106.0
Labor Expenses[3]	124.3	119.8	119.3	120.4	121.2	132.0
Net Rent to Landlords[4]	78.4	51.3	101.3	79.5	49.1	68.6
Capital Consumption[5]	549.9	533.4	545.1	535.1	494.4	456.9
Property Taxes	46.3	52.0	47.6	50.0	50.5	53.[illegible]
Total Production Expenses	2,176.1	2,178.5	2,261.6	2,129.9	1,959.3	2,011.2

[1] Includes operator households.

[2] Includes machine hire and custom work expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.

[3] Includes contract labor expenses, hired labor wages, perquisites, and Social Security payments.

[4] Uses different data sources for years prior to 1984. Estimates are not directly compatible among periods.

[5] Includes depreciation, wear and tear, obsolescence and accidental damage of capital stock.

Source: "Economic Indicators of the Farm Sector", State Financial Summary, 1987, USDA, Economic Research Service, November 1988.

CASH RECEIPTS FROM FARM MARKETINGS: BY COMMODITIES, TENNESSEE 1982-87

Commodity	Cash Receipts						Percent of Total	Percent of 1986
	1982	1983	1984[1]	1985[1]	1986[1]	1987[2]		
	1,000 Dollars							
Crops	1,051,045	896,913	1,064,368	1,032,505	813,290	825,906	42.7	102
Soybeans	296,674	277,529	263,380	261,146	163,100	163,911	8.5	100
Tobacco	280,366	236,727	253,069	221,630	150,163	129,258	6.7	86
Cotton, Lint	108,938	59,669	90,408	100,164	108,846	160,989	8.3	148
Cottonseed	7,591	8,066	11,805	8,296	10,333	17,168	0.9	166
Corn	54,522	35,593	77,448	124,555	81,366	53,559	2.8	66
Wheat	87,947	64,164	61,420	25,535	20,645	27,546	1.4	133
Grain Sorghum	3,818	5,583	21,281	42,698	19,458	5,737	0.3	29
Hay	8,488	8,610	11,631	13,730	11,727	11,951	0.6	102
Tomatoes, Fresh Market	12,428	8,400	19,320	23,940	21,000	19,044	1.0	91
Potatoes	1,896	1,284	2,200	2,508	1,910	1,910	0.1	100
Snap Beans, Processing	3,645	1,784	2,313	2,284	1,508	2,108	0.1	140
Sweet Potatoes	1,007	1,151	1,003	958	1,118	1,157	0.1	103
Apples	691	1,144	1,845	1,360	1,572	1,820	0.1	116
Peaches	204	792	1,890	0	888	866	[3]	97
Other Fruits & Vegetables	19,648	21,656	33,732	31,854	33,484	29,951	1.5	89
Greenhouse & Nursery	142,000	145,000	193,772	152,124	162,077	173,984	9.0	107
All Other Crops	21,182	19,761	17,851	19,723	24,095	24,949	1.3	104
Livestock and Products	898,177	906,468	1,053,683	1,000,088	1,041,018	1,106,790	57.3	106
Cattle and Calves	281,581	355,095	477,099	425,838	435,028	557,032	28.9	128
Dairy Products	304,620	295,267	275,856	281,851	274,596	273,078	14.1	99
Hogs	178,948	125,602	147,137	158,461	169,417	131,556	6.8	78
Broilers	65,948	67,159	87,149	79,931	109,148	99,068	5.1	91
Eggs	46,051	40,329	43,428	35,721	33,758	25,683	1.3	76
Honey	[4]	[4]	[4]	[4]	889	1,752	0.1	195
Sheep and Lambs	275	256	221	217	222	472	[3]	213
Wool	20	22	30	30	40	42	[3]	105
All Other Livestock	20,734	22,738	22,763	18,039	17,910	18,110	1.0	101
All Commodities	1,949,222	1,803,381	2,118,051	2,032,593	1,854,308	1,932,695	100.0	104

[1] Revised
[2] Preliminary
[3] Less than 0.1 percent
[4] Not available

CASH INCOME FROM FARMING: TENNESSEE, 1982-87[1]

Item	1982	1983	1984	1985	1986	1987
			Million Dollars			
Cash Income	2,034.9	1,947.4	2,280.0	2,178.1	2,039.8	2,192.8
Farm Marketings	1,949.2	1,803.4	2,118.1	2,032.6	1,854.3	1,932.7
Crops	1,051.0	896.9	1,064.4	1,032.5	813.3	825.9
Livestock and Products	898.2	906.5	1,053.7	1,000.1	1,041.0	1,106.8
Government Payments	28.1	65.8	76.6	61.7	98.4	156.7
Other Farm Cash Income[2]	57.6	78.2	85.4	83.7	87.0	103.3
Cash Expenses	1,532.6	1,548.6	1,617.1	1,491.9	1,371.2	1,447.8
Interest	350.5	328.3	313.6	236.7	225.8	200.1
Labor[3]	114.4	113.2	112.3	114.1	115.8	125.4
Net Rent Landlords[4]	78.4	51.3	101.3	79.5	49.1	68.6
Property Taxes	36.7	41.0	37.2	36.9	37.1	38.9
All other production inputs	952.5	1,014.8	1,052.7	1,024.7	943.1	1,014.8
Net Cash Income	502.3	398.8	662.9	686.2	668.6	744.9

[1] Excludes operator households and non-farm income.

[2] Includes cash income from machine hire, custom work, recreational income, other farm business-related income, and forest product sales.

[3] Includes contract labor expenses, hired labor wages, and Social Security payments.

[4] Uses different data sources for years prior to 1984. Estimates are not directly compatible among periods.

Source: 'Economic Indicators for the Farm Sector", State Financial Summary, 1987, USDA, Economic Research Service, November 1988.

GOVERNMENT PAYMENTS: BY PROGRAM, TENNESSEE, 1982-87

Item	1982	1983	1984	1985	1986	1987
			1,000 Dollars			
Conservation[1]	4,364	5,163	4,450	4,400	7,829	28,339
Feed Grain	2,909	4,584	1,155	6,316	23,279	47,385
Wheat	3,811	5,634	9,747	9,354	16,188	16,326
Cotton	16,032	14,530	8,288	30,265	34,112	38,556
Wool Act	14	20	33	38	52	71
Rice	0	13	10	38	40	27
Miscellaneous[2]	948	35,869	52,878	11,328	16,931	26,041
Total	28,078	65,813	76,561	61,739	98,431	156,745

[1] Includes both cash payments and payment-in-kind (PIK).

[2] Includes the following applicable programs: Rural Clean Water, Clean Lakes, Animal Waste Management, Forest Incentive, Water Bank, Dairy Indemnity, Dairy Termination, Emergency Feed, Extended Warehouse Storage, Extended Farm Storage, PIK Storage, Milk Diversion, Disaster Program Crops, Disaster Program Non-Crops, and Colorado River Salinity.

Source: "Economic Indicators of the Farm Sector", State Financial Summary, 1987, USDA, Economic Research Service, November, 1988.

FARM REAL ESTATE DEBT: Amount Outstanding by Lender, Tennessee, December 31, 1982-87[1]

Lender	1982	1983	1984	1985	1986	1987
			Million Dollars			
Federal Land Banks	690	668	640	521	407	332
Farmers Home Administration	279	290	306	318	309	299
Life Insurance Companies	86	71	72	58	52	50
All Operating Banks	338	345	345	343	368	397
Individuals and Others	312	315	291	265	234	201
Total[2]	1,705	1,689	1,654	1,505	1,370	1,279

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[1] Includes farm households. [2] Totals may not add due to rounding.
Source: "Economic Indicators of the Farm Sector", State Financial Summary, 1987, USDA, Economic Research Service, November 1988.

FARM NONREAL ESTATE DEBT: Amount Outstanding by Lender, Tennessee, December 31, 1982-87[1]

Lender	1982	1983	1984	1985	1986	1987
			Million Dollars			
Debt Owed to Reporting Institutions (excluding CCC)						
All Operating Banks	348	356	367	324	281	242
Production Credit Associations[2]	480	416	368	272	225	193
Federal Intermediate Credit Banks	0	0	0	0	0	0
Farmers Home Administration	379	384	416	416	399	388
Total	1,207	1,156	1,151	1,012	905	823
Individuals and Others	263	256	252	231	190	176
Commodity Credit Corporation	74	24	21	99	115	74
Total[3]	1,544	1,436	1,424	1,342	1,210	1,073

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[1] Includes farm households. [2] Loans for aquaculture are excluded. [3] Totals may not add due to rounding.
Source: "Economic Indicators of the Farm Sector", State Financial Summary, 1987, USDA, Economic Research Service, November 1988.

FARM BALANCE SHEET: Tennessee, December 31, 1982-87[1]

Item	1982	1983	1984	1985	1986	1987
			Million Dollars			
Total Farm Assets	19,129.0	19,439.6	18,965.7	19,097.4	19,115.1	20,389.2
Real Estate	13,587.6	13,989.6	13,158.8	13,292.8	13,156.0	13,910.4
Livestock and Poultry	1,021.8	924.2	910.1	872.3	881.0	1,138.4
Machinery and Motor Vehicles	2,150.2	2,120.4	2,134.9	1,988.7	1,828.0	1,734.9
Crops[2]	446.9	331.6	462.9	367.1	295.6	335.2
Household Equipment and Furnishings	811.8	894.1	1,023.1	1,234.5	1,436.0	1,620.3
Deposits and Currency	562.7	589.6	666.6	733.2	871.5	943.4
U.S. Savings Bonds	92.6	95.0	100.7	111.7	131.0	145.7
Investments in Cooperatives	455.3	495.1	508.7	497.0	516.0	560.9
Total Farm Debt	3,186.8	3,111.6	3,065.0	2,752.3	2,467.1	2,278.7
Real Estate Debt[3]	1,716.0	1,699.3	1,661.1	1,508.6	1,371.5	1,279.9
Nonreal Estate Debt[4]	1,470.8	1,412.2	1,403.9	1,243.7	1,095.6	998.8
Equity	15,942.1	16,328.0	15,900.8	16,345.1	16,648.0	18,110.5
			Percent			
Ratios						
Equity/Assets	83.3	84.0	83.8	85.6	87.1	88.8
Debt/Equity	20.0	19.1	19.3	16.8	14.8	12.6
Debt/Assets, Total	16.7	16.0	16.2	14.4	12.9	11.2
Debt/Assets, Real Estate	12.6	12.1	12.6	11.3	10.4	9.2
Debt/Assets, Nonreal Estate & CCC	26.5	25.9	24.2	21.4	18.4	15.4
Net Farm Income/Debt[5]	14.5	4.3	20.0	16.1	15.3	27.0

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[1] Includes farm households. Data are for farms with sales of $1,000 or more annually. [2] All crops held on farms including value above loan rates for crops held under CCC. [3] Includes CCC storage and drying facilities loans. [4] Includes debt owed to institutional lenders and to noninstitutional or miscellaneous lenders. These crops are included as assets. [5] Total debt in this ratio is an average for the year.
Source: "Economic Indicators of the Farm Sector", State Financial Summary, 1987, USDA, Economic Research Service, November 1988.

FARM REAL ESTATE: TENNESSEE, 1979-1988

Year	Value of Land and Buildings: Average Per Acre	Value of Land and Buildings: Average Per Farm	Value of Land and Buildings: Total	Gross Cash Rent Per Acre: Farms	Gross Cash Rent Per Acre: Cropland
	Dollars	Dollars	Million Dollars	Dollars	Dollars
1979	860	122,700	11,782	37.00	47.10
1980	976	138,300	13,274	41.00	51.00
1981	1,070	152,100	14,445	43.80	50.90
1982	1,040	146,700	13,936	45.00	54.60
1983	1,014	143,000	13,588	40.50	47.90
1984	1,044	144,300	13,995	44.20	50.70
1985	982	134,300	13,159	35.40	45.80
1986	992	134,300	12,894	41.20	47.40
1987	1,012	132,800	12,747	34.90	39.90
1988	**1,104**	**150,400**	**14,135**	**34.70**	**48.60**

Source: "Agricultural Resources-Outlook and Situation Summary," USDA, Economic Research Service, April 1989.

REAL ESTATE TAXES: TAXES LEVIED ON FARM REAL ESTATE, TENNESSEE, 1981-88

Year	Total	Average Per Acre	Average Taxes Per $100 of Full Value
	Million Dollars	Dollars	Dollars
1981	42.9	3.42	.32
1982	43.4	3.49	.34
1983	45.5	3.66	.36
1984	46.9	3.77	.36
1985	48.9	3.93	.40
1986	49.3	4.09	.41
1987	49.7	4.25	.42
1988[1]	—	—	—

[1] Data available September 1, 1989.

Source: USDA, Economic Research Service.

INDEX NUMBER OF PRICES RECEIVED BY TENNESSEE FARMERS, 1979-88
1977 = 100

ALL CROPS INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1979	104	105	105	106	107	109	112	108	106	104	105	108	107
1980	110	110	107	105	105	106	112	117	123	124	131	127	115
1981	130	130	126	124	125	123	122	118	111	108	109	110	120
1982	111	112	112	114	114	113	111	107	104	103	106	106	109
1983	105	108	109	114	114	114	118	131	134	131	132	130	120
1984	128	121	130	133	135	134	124	122	119	114	112	111	124
1985	124	111	112	112	111	111	108	104	101	100	97	99	108
1986	100	99	100	100	101	100	97	95	90	91	92	92	96
1987	90	90	91	92	95	97	96	95	95	96	99	103	95
1988	101	101	104	107	112	120	120	122	121	117	117	118	114

ALL LIVESTOCK INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1979	156	165	167	171	168	156	151	148	150	147	148	149	156
1980	153	157	149	139	139	142	146	151	151	151	150	149	148
1981	147	149	145	148	143	145	141	144	146	142	138	135	144
1982	138	143	143	145	146	144	145	147	144	141	141	139	143
1983	145	151	150	148	146	144	140	137	136	136	136	140	142
1984	144	148	149	147	142	142	145	142	140	137	142	143	143
1985	145	144	143	143	140	139	132	133	133	134	137	134	138
1986	135	135	135	129	129	133	140	145	147	144	142	143	138
1987	146	149	150	154	152	159	159	163	163	157	152	151	155
1988	154	158	160	155	157	147	148	158	156	160	155	161	156

ALL FARM PRODUCTS INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1979	131	137	138	140	139	134	133	129	129	127	128	129	133
1980	133	135	129	123	122	125	130	135	137	136	141	139	132
1981	139	140	135	136	134	135	132	132	129	126	124	123	132
1982	125	128	128	130	131	129	129	128	125	123	124	123	127
1983	126	130	130	132	131	130	130	134	135	134	134	135	132
1984	136	135	140	140	139	136	133	132	130	126	128	128	134
1985	128	128	128	129	126	125	121	119	118	118	118	117	123
1986	118	118	118	115	115	117	119	121	119	118	118	119	118
1987	119	121	122	124	125	129	129	131	131	128	127	128	126
1988	129	131	133	132	136	135	138	141	139	139	138	141	136

STATES RANKING AND PRODUCTION OF FIELD CROPS 1988

Soybeans

Rank	State	Production (1,000 Bushels)
1	Iowa	248,000
2	Illinois	234,900
3	Minnesota	124,800
4	Indiana	115,500
5	Missouri	109,980
6	Ohio	99,900
7	Arkansas	80,000
8	Nebraska	70,800
9	Louisiana	50,875
10	Mississippi	49,500
11	Kansas	46,000
12	South Dakota	41,520
13	North Carolina	38,070
14	**Tennessee**	**34,320**
15	Michigan	33,880
16	Kentucky	24,115
17	Georgia	22,500
18	South Carolina	18,170
19	Virginia	15,540
20	Alabama	14,250
21	Maryland	14,105
22	North Dakota	12,420
23	Wisconsin	8,970
24	Pennsylvania	7,200
25	Texas	6,300
26	Delaware	6,075
27	Oklahoma	4,860
28	Florida	3,335
29	New Jersey	2,781

Tobacco

Rank	State	Production (1,000 Pounds)
1	North Carolina	552,627
2	Kentucky	355,024
3	South Carolina	100,125
4	Tennessee	93,142
5	Virginia	92,177
6	Georgia	85,880
7	Pennsylvania	18,175
8	Florida	17,152
9	Ohio	14,497
10	Maryland	12,900
11	Indiana	10,945
12	Wisconsin	7,080
13	Missouri	4,410
14	Connecticut	2,971
15	West Virginia	2,720
16	Massachusetts	767

Winter Wheat

Rank	State	Production (1,000 Bushels)
1	Kansas	323,000
2	Oklahoma	172,800
3	Washington	108,500
4	Texas	89,600
5	Missouri	77,500
6	Colorado	75,900
7	Nebraska	72,000
8	Illinois	67,500
9	Arkansas	56,710
10	Idaho	50,820
11	Oregon	46,860
12	Ohio	46,000
13	Montana	39,900
14	California	38,180
15	Indiana	35,000
16	Michigan	26,040
17	North Carolina	24,000
18	South Dakota	21,590
19	Georgia	21,500
20	**Tennessee**	**21,500**
21	Mississippi	20,700
22	Kentucky	20,520
23	South Carolina	14,030
24	Louisiana	11,070
25	Virginia	10,400
26	Pennsylvania	9,010
27	Maryland	9,010
28	Alabama	8,600
29	New Mexico	6,960
30	Utah	5,580
31	Wisconsin	5,000
32	Wyoming	4,950
33	New York	4,950
34	Arizona	3,430
35	Delaware	3,276
36	Florida	2,035
37	North Dakota	1,690
38	Minnesota	1,440
39	New Jersey	1,395
40	Iowa	1,050
41	Nevada	560
42	West Virginia	414

STATES RANKING AND PRODUCTION OF FIELD CROPS 1988

Corn For Grain

Rank	State	Production (1,000 Bushels)
1	Iowa	898,800
2	Nebraska	818,400
3	Illinois	700,800
4	Indiana	415,000
5	Minnesota	347,800
6	Ohio	255,000
7	Missouri	153,520
8	Kansas	143,750
9	South Dakota	132,000
10	Wisconsin	130,650
11	Texas	129,600
12	Colorado	128,000
13	Michigan	112,000
14	Kentucky	80,300
15	North Carolina	78,120
16	Pennsylvania	59,150
17	New York	41,225
18	**Tennessee**	**38,690**
19	Georgia	31,000
20	Maryland	27,300
21	California	27,115
22	Virginia	23,305
23	North Dakota	22,040
24	South Carolina	19,430
25	Washington	13,600
26	Louisiana	11,685
27	Delaware	9,800
28	Mississippi	9,000
29	New Mexico	8,525
26	Alabama	7,480
27	Oklahoma	6,840
28	Idaho	6,500
29	Wyoming	6,466
30	Arkansas	6,000
31	New Jerskey	5,880
32	Florida	3,770
33	Oregon	3,002
34	Utah	2,728
35	West Virginia	2,320
36	Arizona	2,210
37	Montana	2,200

Cotton

Rank	State	Production (1,000 Bales[1])
1	Texas	5,281.5
2	California	2,827.2
3	Mississippi	1,825.0
4	Arizona	1,106.0
5	Arkansas	1,044.0
6	Louisiana	948.0
7	**Tennessee**	**584.0**
8	Alabama	380.0
9	Georgia	370.0
10	Missouri	306.0
11	Oklahoma	303.0
12	South Carolina	140.0
13	North Carolina	133.0
14	New Mexico	125.5
15	Florida	34.2
16	Virginia	3.4
17	Kansas	0.7

Sorghum For Grain

Rank	State	Production (1,000 Bushels)
1	Kansas	204,600
2	Texas	135,450
3	Nebraska	103,360
4	Missouri	38,070
5	Arkansas	21,080
6	Oklahoma	16,200
7	South Dakota	11,000
8	New Mexico	8,700
9	Mississippi	8,680
10	Colorado	8,280
11	Louisiana	6,120
12	Illinois	6,000
13	North Carolina	2,730
14	**Tennessee**	**2,450**
15	Georgia	1,400
16	California	1,200
17	Alabama	1,025
18	Kentucky	550
19	Arizona	400
20	South Carolina	256

[1] Production is in 480 pound net weight bales.

STATES RANKING AND NUMBERS OF LIVESTOCK, January 1, 1989

	All Cattle and Calves 1,000 Head		Beef Cows 1,000 Head		Milk Cows 1,000 Head	
Rank	State	Number	State	Number	State	Number
1	Texas	13,700	Texas	5,445	Wisconsin	1,740
2	Kansas	5,900	Missouri	2,004	California	1,025
3	Nebraska	5,400	Oklahoma	1,893	New York	811
4	Oklahoma	5,200	Nebraska	1,697	Minnesota	810
5	Iowa	4,750	South Dakota	1,506	Pennsylvania	719
6	California	4,700	Kansas	1,450	Ohio	367
7	Missouri	4,500	Montana	1,324	Texas	355
8	Wisconsin	4,130	Iowa	1,265	Michigan	345
9	South Dakota	3,480	Florida	1,148	Iowa	310
10	Minnesota	2,940	Kentucky	1,060	Missouri	226
11	Colorado	2,750	**Tennessee**	**1,038**	Washington	216
12	Kentucky	2,500	Arkansas	932	Kentucky	215
13	Montana	2,350	California	925	**Tennessee**	**202**
14	**Tennessee**	**2,300**	Alabama	901	Illinois	200
15	Florida	2,025	North Dakota	832	Florida	182
16	Illinois	1,950	Colorado	775	Indiana	180
17	Pennsylvania	1,920	Mississippi	712	Idaho	170
18	Alabama	1,800	Georgia	700	Vermont	170
19	Ohio	1,760	Wyoming	670	South Dakota	144
20	Arkansas	1,750	Virginia	663	Virginia	142
21	Virginia	1,670	Louisiana	582	Maryland	109
22	Idaho	1,620	New Mexico	578	North Carolina	107
23	North Dakota	1,600	Oregon	573	Oklahoma	107
24	New York	1,584	Idaho	520	Georgia	104
25	Georgia	1,500	Illinois	520	Kansas	104
26	Mississippi	1,390	Minnesota	390	Nebraska	103
27	Oregon	1,390	Ohio	385	Oregon	94
28	New Mexico	1,350	Washington	359	Arizona	92
29	Wyoming	1,330	Indiana	350	Louisiana	88
30	Washington	1,300	North Carolina	343	North Dakota	88
31	Indiana	1,290	Utah	315	Colorado	75
32	Michigan	1,225	South Carolina	286	Utah	74
33	Louisiana	1,075	Arizona	263	Arkansas	68
34	Arizona	880	West Virginia	245	Mississippi	68
35	North Carolina	850	Nevada	231	New Mexico	63
36	Utah	770	Pennsylvania	216	Maine	43
37	South Carolina	610	Wisconsin	150	South Carolina	41
38	West Virginia	500	Michigan	125	Alabama	39
39	Nevada	490	New York	102	Connecticut	35
40	Maryland	328	Hawaii	77	Massachusetts	30
41	Vermont	297	Maryland	60	New Jersey	30
42	Hawaii	208	Vermont	12	West Virginia	26
43	Maine	105	New Jersey	11	Montana	25
44	New Jersey	75	Massachusetts	10	New Hampshire	21
45	Connecticut	73	Maine	9	Nevada	19
46	Massachusetts	70	New Hampshire	6	Hawaii	12
47	New Hampshire	55	Connecticut	5	Wyoming	10
48	Delaware	29	Delaware	3	Delaware	9
49	Alaska	9.2	Alaska	2.5	Rhode Island	2.4
50	Rhode Island	6	Rhode Island	0.8	Alaska	1.9

STATES RANKING AND NUMBERS OF LIVESTOCK, December 1, 1988

	All Hogs and Pigs 1,000 Head		Hogs for Breeding 1,000 Head		Market Hogs 1,000 Head	
Rank	State	Number	State	Number	State	Number
1	Iowa	13,900	Iowa	1,600	Iowa	12,300
2	Illinois	5,600	Illinois	710	Illinois	4,890
3	Minnesota	4,690	Minnesota	600	Minnesota	4,090
4	Indiana	4,300	Indiana	540	Indiana	3,760
5	Nebraska	4,050	Nebraska	500	Nebraska	3,550
6	Missouri	2,850	Missouri	410	Missouri	2,440
7	North Carolina	2,700	North Carolina	320	North Carolina	2,380
8	Ohio	2,210	Ohio	295	Ohio	1,915
9	South Dakota	1,760	South Dakota	241	South Dakota	1,519
10	Kansas	1,500	Wisconsin	185	Kansas	1,325
11	Wisconsin	1,275	Kansas	175	Wisconsin	1,090
12	Michigan	1,250	Michigan	170	Michigan	1,080
13	Georgia	1,210	Georgia	165	Georgia	1,045
14	Kentucky	1,090	**Tennessee**	**160**	Kentucky	935
15	**Tennessee**	**1,050**	Kentucky	155	**Tennessee**	**890**
16	Pennsylvania	970	Pennsylvania	105	Pennsylvania	865
17	Texas	560	Texas	90	Texas	470
18	Arkansas	540	Arkansas	76	Arkansas	464
19	South Carolina	450	South Carolina	64	South Carolina	386
20	Virginia	400	Virginia	50	Virginia	350
21	Alabama	345	Alabama	48	North Dakota	298
22	North Dakota	340	North Dakota	42	Alabama	297
23	Montana	245	Mississippi	38	Montana	213
24	Oklahoma	240	Oklahoma	35	Oklahoma	205
25	Mississippi	237	Colorado	32	Mississippi	199
26	Colorado	220	Montana	32	Colorado	188
27	Maryland	170	Florida	27	Maryland	143
28	New York	151	Maryland	27	New York	130
29	Florida	140	California	21	Arizona	115
30	Arizona	130	New York	21	Florida	113
31	California	120	Arizona	15	California	99
32	Oregon	100	Oregon	13	Oregon	87
33	Idaho	80	Idaho	11	Idaho	69
34	Louisiana	60	Louisiana	11	Louisiana	49
35	Washington	53	Delaware	7	Washington	46
36	Hawaii	43	Hawaii	7	Hawaii	36
37	New Jersey	38	Washington	7	New Jersey	35
38	West Virginia	37	West Virginia	7	West Virginia	30
39	Delaware	33	Utah	5	Utah	28
40	Utah	33	Massachusetts	4	Massachusetts	27
41	Massachusetts	31	New Mexico	4	Delaware	26
42	New Mexico	26	Wyoming	4	New Mexico	22
43	Wyoming	21	New Jersey	3	Wyoming	17
44	Nevada	15	Nevada	2	Nevada	13
45	New Hampshire	9.1	Maine	1.8	New Hampshire	7.6
46	Maine	8.0	New Hampshire	1.5	Maine	6.2
47	Connecticut	6.8	Rhode Island	0.9	Connecticut	6.0
48	Vermont	6.0	Vermont	0.9	Vermont	5.1
49	Rhode Island	5.9	Connecticut	0.8	Rhode Island	5.0
50	Alaska	0.6	Alaska	0.2	Alaska	0.4

Crops

CROP SUMMARY: ACREAGE, YIELD, PRODUCTION, VALUE, TENNESSEE, 1987-88

Crop	Unit	1987				1988			
		Acreage Harvested	Yield Per Acre	Production		Acreage Harvested	Yield Per Acre	Production	
				Total	Value			Total	Value
		1,000		1,000	$1,000	1,000		1,000	$1,000
Corn for Grain	Bu.	580	91.0	52,780	102,921	530	73.0	38,690	108,332
Corn for Silage	Tons.	140	13.0	1,820	—	125	10.0	1,250	—
Cotton, Lint	Lbs.	435	700	634¹	191,722	530	529	584¹	148,570
Cottonseed	Tons.	—	—	235	18,095	—	—	237	28,307
Hay, All	Tons.	1,570	1.68	2,644	140,132	1,600	1.44	2,310	133,980
Alfalfa Hay	Tons.	120	2.70	324	31,752	100	2.10	210	21,000
All Other Hay	Tons.	1,450	1.60	2,320	108,380	1,500	1.40	2,100	112,980
Grain Sorghum	Bu.	75	80.0	6,000	9,300	35	70.0	2,450	5,906
Sorghum Silage	Tons.	10	10.0	100	—	8	9.0	72	—
Soybeans	Bu.	1,250	23.0	28,750	161,288	1,320	26.0	34,320	202,548
Irish Potatoes	Cwt.	1.8	80	144	1,483	1.4	65	91	860
Sweet Potatoes	Cwt.	0.8	110	88	1,276	0.8	90	72	1,188
Tobacco, All	Lbs.	49.44	1,766	87,291	135,421	48.52	1,920	93,142	158,762
E. Dark-Fired (22)	Lbs.	5.50	2,170	11,935	18,607	5.60	2,385	13,356	29,797
W. Dark-Fired (23)	Lbs.	0.46	2,350	1,081	1,627	0.44	2,450	1,078	2,318
Burley (31)	Lbs.	43.00	1,705	73,315	113,858	42.00	1,850	77,700	124,942
One-Sucker (35)	Lbs.	0.48	2,000	960	1,329	0.48	2,100	1,008	1,704
Winter Wheat	Bu.	350	41.0	14,350	37,310	430	50.0	21,500	73,100
Apples (Having Value)	Lbs.	—	—	14,000	1,880	—	—	11,000	1,727
Peaches (Having Value)	Lbs.	—	—	2,500	865	—	—	9,000	2,675
Floriculture	—	—	—	—	20,801	—	—	—	19,436
Snap Beans, Processing	Tons.	5.4	2.00	10.8	2,106	6.0	1.40	8.4	1,789
Tomatoes, Fresh Market	Cwt.	4.6	180	828	19,044	4.6	180	828	23,184

¹Cotton production in 480-lbs. net weight bales.

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS 1988[1]

Rank	Soybeans	Tobacco	Wheat	Corn	Cotton	Sorghum
1	Dyer	Robertson	Obion	Obion	Haywood	Dyer
2	Obion	Greene	Dyer	Weakley	Crockett	Fayette
3	Lauderdale	Montgomery	Weakley	Gibson	Tipton	Gibson
4	Gibson	Sumner	Robertson	Dyer	Fayette	Tipton
5	Tipton	Washington	Lauderdale	Henry	Gibson	Lake
6	Shelby	Claiborne	Henry	Carroll	Madison	Weakley
7	Lake	Hawkins	Lake	Henderson	Lauderdale	Lauderdale
8	Fayette	Smith	Franklin	Lake	Shelby	Shelby
9	Weakley	Macon	Gibson	McNairy	Dyer	Hardin
10	Haywood	Grainger	Montgomery	Robertson	Hardeman	Haywood
11	Madison	Cocke	Lincoln	Fayette	Carroll	Hardeman
12	McNairy	Maury	Tipton	Lauderdale	Lake	Decatur
13	Crockett	Johnson	Shelby	Chester	Chester	McNairy
14	Henry	Sullivan	Rutherford	Coffee	McNairy	Obion
15	Hardin	Hancock	Coffee	Franklin	Lincoln	Crockett
16	Franklin	Jefferson	Haywood	Benton	Franklin	Benton
17	Carroll	Trousdale	Bedford	Lawrence	Obion	Warren
18	Henderson	Williamson	Fayette	Hardin	Henderson	Carroll
19	Hardeman	Cheatham	Carroll	Hardeman	Rutherford	Chester
20	Lincoln	Sevier	Warren	Montgomery	Weakley	Lawrence
21	Robertson	Dickson	Lawrence	Humphreys	Giles	Maury
22	Montgomery	Hamblen	Maury	Madison	Hardin	Rutherford
23	Coffee	Carter	Hardin	Haywood	Henry	Franklin
24	Bedford	Stewart	Williamson	Giles	Lawrence	White
25	Lawrence	Wilson	Madison	Warren	Decatur	Bedford
26	Chester	Jackson	Wilson	Cannon		Williamson
27	Rutherford	Putnam	Crockett	Decatur		Lincoln
28	Warren	Union	Marshall	Lincoln		Giles
29	Benton	Monroe	McNairy	Fentress		Marshall
30	Marion	DeKalb	Sumner	Rutherford		McMinn
31	Cannon	White	Henderson	Perry		Bradley
32	Sumner	McMinn	Giles	Bedford		
33	Giles	Clay	Hardeman	Macon		
34	Maury	Henry	Wayne	Hickman		
35	Humphreys	Blount	Monroe	Shelby		
36	Williamson	Lincoln	McMinn	DeKalb		
37	DeKalb	Loudon	Macon	Crockett		
38	Wayne	Pickett	Chester	Sumner		
39	Monroe	Unicoi	Blount	Wayne		
40	Decatur	Campbell	Meigs	Williamson		
41	Macon	Overton	Decatur	Bledsoe		
42	Stewart	Knox	DeKalb	White		
43	Davidson	Marshall	Bledsoe	Marion		
44	Hickman	Giles	Hickman	Tipton		

[1] If tied, ranked by harvested acreage.

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS 1988[1]

Rank	Soybeans	Tobacco	Wheat	Corn
45	Perry	Moore	White	Marshall
46	Fentress	Lawrence	Benton	Smith
47	Cheatham	Houston	Marion	Grundy
48	Grundy	Meigs	Cannon	Blount
49	Blount	Fentress	Jefferson	Cumberland
50	Marshall	Roane	Polk	Maury
51	White	Cannon	Sequatchie	Cheatham
52	Bledsoe	Bedford	Rhea	Greene
53	Cumberland	Cumberland	Greene	Clay
54	Jefferson	Weakley	Grundy	Dickson
55	Clay	Warren	Loudon	Overton
56	McMinn	Franklin	Bradley	Scott
57	Meigs	Anderson	Dickson	Jefferson
58	Rhea	Hickman	Cheatham	Morgan
59	Cocke	Davidson	Perry	Putnam
60	Wilson	Bradley	Hamblen	Washington
61	Loudon	Rutherford	Clay	Sequatchie
62	Overton	Morgan	Cumberland	Cocke
63	Dickson	Lewis	Overton	Stewart
64	Sequatchie	Rhea	Humphreys	Hawkins
65	Polk	Coffee	Hamilton	Wilson
66	Lewis	Van Buren	Putnam	Monroe
67	Jackson	Scott	Troudsale	McMinn
68	Smith	Humphreys	Lewis	Johnson
69	Morgan	Obion	Stewart	Sullian
70	Greene	Polk	Sevier	Lewis
71	Bradley		Knox	Loudon
72	Knox		Fentress	Sevier
73	Putnam		Houston	Jackson
74	Houston		Morgan	Houston
75	Hamblen		Smith	Hamblen
76	Hamilton		Van Buren	Knox
77	Hawkins		Hawkins	Claiborne
78	Van Buren		Washington	Meigs
79			Moore	Polk
80			Sullivan	Davidson
81				Van Buren
82				Grainger
83				Hancock
84				Rhea
85				Bradley
86				Pickett
87				Hamilton
88				Trousdale
89				Moore
90				Carter
91				Roane
92				Anderson
93				Campbell

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[1] If tied, ranked by harvested acreage.

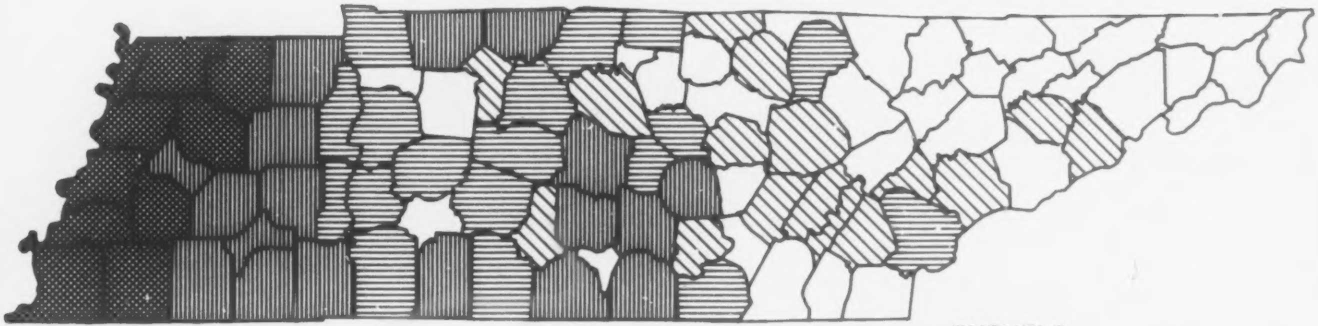
TENNESSEE CROPS: Record Highs And Lows

Crop	Unit	Record High					
		Year	Acreage Harvested	Year	Yield Per Acre	Year	Production
			1,000				1,000
Corn for Grain	Bu	1920	3,375	1985	98	1985	79,380
Corn for Silage	Tons	1973	170	1984	17	1976	2,560
Cotton	Bales	1925	1,146	1987	700	1953	700
Hay							
All Hay	Tons	1943	1,997	1985	1.95	1985	3,156
Alfalfa	Tons	1958	188	1985	3.80	1985	456
Grain Sorghum	Bu	1985	465	1987	80	1985	37,200
Sorghum Silage	Tons	1955	35	1985	14	1971	252
Soybeans	Bu	1979	2,620	1985	31	1979	70,740
Tobacco							
All Tobacco	Lbs	1930	162	1972	2,172	1982	178,117
E. Dark-Fired (22)	Lbs	1923	76	1988	2,385	1931	61,500
W. Dark-Fired (23)	Lbs	1919	30	1988	2,450	1919	24,450
Burley (31)	Lbs	1952	89	1972	2,245	1982	148,580
One Sucker (35)	Lbs	1945	6	1984	2,135	1919	18,150
Winter Wheat	Bu	1981	850	1988	50	1981	37,400
Fruits & Vegetables							
Apples	Lbs	N/A	N/A	N/A	N/A	1941	26,900
Peaches	Lbs	N/A	N/A	N/A	N/A	1912	137,600
Snapbeans, Processed	Tons	1973	16.7	1982	2.59	1975	31.9
Irish Potatoes	Cwt	1943	56	1985	150	1943	2,520
Sweet Potatoes	Cwt	1932	75	1985	150	1926	3,825
Tomatoes, Fresh Market	Cwt	1928	9	1985	280	1985	1,260

Note: If acreage, yield, or production is identical for more than one year, then the most recent year is shown. N/A: Not Available

Crop	Unit	Record Low						Year Records Began
		Year	Acreage Harvested	Year	Yield Per Acre	Year	Production	
			1,000				1,000	
Corn for Grain	Bu	1983	480	1930	14	1983	23,040	1919
Corn for Silage	Tons	1934	12	1930	3.5	1932	72	1919
Cotton	Bales	1983	215	1923	103	1967	145	1866
Hay								
All Hay	Tons	1914	893	1930	.63	1911	699	1908
Alfalfa	Tons	1924	15	1930	1.15	1925	19	1919
Grain Sorghum	Bu	1949	5	1954	17	1949	115	1949
Sorghum Silage	Tons	1932	2	1930	4.5	1932	13	1929
Soybeans	Bu	1925	8	1935	6.5	1925	60	1924
Tobacco								
All Tobacco	Lbs	1874	21	1874	300	1874	6,300	1866
E. Dark-Fired (22)	Lbs	1987	5.5	1920	744	1987	11,935	1919
W. Dark-Fired (23)	Lbs	1973	.420	1930	700	1974	607	1919
Burley (31)	Lbs	1921	9.3	1932	790	1921	7,347	1919
One Sucker (35)	Lbs	1988	.48	1930	695	1987	960	1919
Winter Wheat	Bu	1962	107	1885	3	1866	2,008	1866
Fruits & Vegetables								
Apples	Lbs	N/A	N/A	N/A	N/A	1973	3,100	1934
Peaches	Lbs	N/A	N/A	N/A	N/A	1985	0	1909
Snapbeans, Processed	Tons	1919	.12	1941	.8	1921	.3	1918
Irish Potatoes	Cwt	1988	1.4	1936	25	1988	91	1866
Sweet Potatoes	Cwt	1988	.8	1869	23	1988	72	1868
Tomatoes, Fresh Market	Cwt	1919	1.5	1953	40	1921	82	1918

SOYBEANS



BUSHELS

▩ 1,000,000 AND OVER

▥ 200,000-999,999

▤ 50,000-199,999

▧ 25,000-49,999

☐ UNDER 25,000

TOP FIVE COUNTIES	
1. DYER	4,350,000
2. OBION	3,400,000
3. LAUDERDALE	2,960,000
4. GIBSON	2,350,000
5. TIPTON	2,200,000

Pleasant surprises were in store for Tennessee soybean producers in 1988. Despite dry soils in May and June, all the intended acreage was planted, some as late as mid-July. With much later than normal planting dates and the dry early season conditions, farmers appeared headed for a normal drought-year yield of 15 to 20 bushes per acre. The weather made an abrupt about-face in July and was favorable throughout the remainder of the season. The result was a yield of 26.0 bushels per acre compared with 23.0 in 1987 and the five-year average of 24.2 bushels per acre. The good yield was primarily the result of excellent single-crop soybeans planted in June. Double-cropped soybean yields were generally poor to fair.

Total production was 34.3 million bushels or 19 percent greater than the 28.75 million bushels harvested in 1987. Harvest-for-bean acreage totaled 1.32 million from the 1.4 million originally planted. Acreage cut for hay and abandonment makes up the 80,000 acre difference between planted and harvested for bean acreage.

Soybeans ranked as Tennessee's top valued crop in 1988. The total value of soybean production jumped to $262.5 million from $161.3 million in 1987. Tennessee growers produced the most valuable crop since 1984 primarily as a result of improved prices. Soybean prices averaged $7.65 per bushel, compared with $5.61 in 1987.

SOYBEANS: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	1,000		Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars
1979	2,700	2,620	27.0	70,740	6.35	449,199
1980	2,650	2,550	18.0	45,900	7.88	361,692
1981	2,450	2,350	25.0	58,750	6.06	356,025
1982	2,400	2,300	26.5	60,950	5.57	339,492
1983	2,020	1,970	16.0	31,520	7.96	250,899
1984	1,900	1,850	26.0	48,100	5.97	287,157
1985	1,500	1,460	31.0	45,260	5.08	229,921
1986	1,470	1,420	25.0	35,500	4.87	172,885
1987	1,300	1,250	23.0	28,750	5.61	161,288
1988	1,400	1,320	26.0	34,320	7.65	262,548

SOYBEANS: Prices Received By Farmers, By Months, Tennessee, 1979-88

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average[1]
						DOLLARS PER BUSHEL							
1979	6.80	6.48	6.18	6.36	6.62	6.35	5.96	5.83	5.66	6.05	6.92	7.51	6.35
1980	7.84	7.93	8.28	7.61	8.02	7.97	7.35	7.13	7.45	7.23	7.24	6.79	7.88
1981	6.28	5.97	6.05	6.08	6.07	6.18	6.18	6.30	6.49	6.22	6.14	5.63	6.06
1982	5.06	5.14	5.53	5.64	5.65	5.79	5.79	6.31	6.14	6.20	6.58	8.08	5.57
1983	8.74	8.12	7.99	8.01	7.75	6.95	8.00	8.00	8.19	8.16	6.79	6.59	7.96
1984	6.33	6.07	5.91	5.96	6.18	6.05	6.05	6.11	5.80	5.85	5.53	5.20	5.97
1985	5.05	4.93	5.00	5.04	5.37	5.35	5.27	5.41	5.39	5.31	5.19	5.24	5.08
1986	4.79	4.81	4.89	4.77	4.88	4.83	4.94	5.01	5.06	5.40	5.42	5.18	4.87
1987	5.15	5.18	5.46	5.84	6.01	6.18	6.23	6.59	7.30	8.14	8.88	8.34	5.61
1988	8.20	7.66	7.53	7.69	7.80	7.46	7.36						7.65[2]

[1] Marketing year is September 1 of the current year through August 31 of the following year.
[2] Preliminary based on the first seven months of the marketing year.

SOYBEANS: Acreage, Yield, and Production—By Counties for 1983, 1984, and 1985

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Dyer	173,000	172,000	134,000	172,000	168,000	133,000	16	28	33	3,102,000	4,682,000	4,450,000
Lake	72,000	68,500	60,000	71,000	68,000	59,500	17	30	38	1,210,000	2,050,000	2,250,000
Lauderdale	121,000	121,000	116,000	120,000	118,000	115,000	17	28	32	2,044,000	3,307,000	3,660,000
Obion	128,000	126,000	100,000	127,000	125,000	99,000	17	29	34	2,164,000	3,650,000	3,400,000
Shelby	90,000	83,500	77,000	85,000	83,000	76,500	13	27	29	1,107,000	2,230,000	2,240,000
Tipton	112,000	109,000	93,000	111,000	108,000	92,000	15	27	28	1,668,000	2,940,000	2,580,000
District 1	696,000	680,000	580,000	686,000	670,000	575,000	16	28	32	11,295,000	18,859,000	18,580,000
Benton	13,500	12,500	8,000	13,000	12,000	7,000	13	29	33	174,000	350,000	230,000
Carroll	49,500	45,000	29,000	48,000	44,000	28,000	13	27	31	610,000	1,184,000	860,000
Chester	24,000	24,000	14,000	23,500	23,000	13,500	14	24	25	323,000	550,000	340,000
Crockett	39,000	36,000	25,000	38,500	35,000	24,000	14	25	31	530,000	876,000	750,000
Decatur	9,500	9,000	7,000	9,300	8,700	6,800	12	23	27	115,000	202,000	185,000
Fayette	87,000	76,000	69,000	85,000	75,000	68,000	14	24	29	1,170,000	1,800,000	1,940,000
Gibson	125,000	121,000	79,000	124,000	120,000	78,000	16	25	31	1,970,000	3,026,000	2,400,000
Hardeman	47,000	42,500	34,000	45,500	42,000	33,000	15	23	28	675,000	970,000	910,000
Hardin	40,000	40,500	30,000	38,400	39,500	29,000	12	20	28	476,000	790,000	820,000
Haywood	92,500	88,000	65,000	92,000	87,000	64,000	14	26	29	1,266,000	2,271,000	1,850,000
Henderson	38,000	35,000	26,000	37,500	34,000	25,500	17	25	32	635,000	842,000	810,000
Henry	44,000	41,000	28,000	42,500	39,000	27,500	13	22	33	540,000	870,000	900,000
McNairy	40,000	37,500	26,000	39,500	37,000	25,500	19	23	27	753,000	850,000	680,000
Madison	73,000	66,000	44,000	72,000	65,000	43,000	13	25	29	915,000	1,618,000	1,260,000
Weakley	82,000	81,000	61,000	81,000	80,000	60,000	14	26	30	1,115,000	2,070,000	1,800,000
District 2	804,000	755,000	545,000	789,700	741,200	532,800	14	25	30	11,267,000	18,269,000	15,735,000
Cheatham	3,700	4,000	3,200	3,300	3,300	3,000	20	30	35	65,000	99,000	105,000
Dickson	3,300	3,300	2,700	3,000	3,000	2,600	12	25	31	37,000	75,000	80,000
Hickman	5,800	5,500	3,700	5,200	4,900	3,300	18	26	33	91,000	128,000	110,000
Houston	2,000	2,000	1,500	1,700	1,500	1,400	16	28	32	28,000	42,000	45,000
Humphreys	8,000	6,000	4,500	7,000	5,800	4,300	18	31	30	123,000	180,000	155,000
Lawrence	32,000	26,000	18,000	31,300	25,000	17,300	18	19	29	549,000	474,000	500,000
Lewis	2,300	2,200	1,500	2,100	1,900	1,400	16	30	32	33,000	57,000	45,000
Montgomery	23,000	23,500	22,000	22,500	22,700	20,500	21	28	35	464,000	636,000	720,000
Perry	6,000	6,000	4,800	5,000	5,000	4,500	14	26	29	72,000	130,000	130,000
Robertson	54,000	49,500	44,000	52,700	49,000	43,000	19	30	33	979,000	1,465,000	1,400,000
Stewart	4,400	4,000	3,500	4,200	3,900	3,400	13	27	31	56,000	105,000	105,000
Wayne	8,500	8,000	5,600	8,300	7,800	5,500	18	20	31	146,000	157,000	170,000
District 3	153,000	140,000	115,000	146,300	133,800	110,200	18	27	32	2,643,000	3,548,000	3,565,000

SOYBEANS: Acreage, Yield, and Production—By Counties for 1983, 1984, and 1985

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Bedford	18,000	17,000	14,500	17,500	16,000	14,000	16	23	29	286,000	368,000	400,000
Cannon	10,000	9,000	7,000	9,500	8,900	6,900	19	25	27	184,000	221,000	185,000
Clay	2,500	3,000	2,500	2,200	2,100	1,700	20	28	30	45,000	59,000	51,000
Davidson	6,600	6,000	4,600	6,000	5,700	4,000	15	31	35	92,000	175,000	140,000
DeKalb	9,000	8,000	6,500	8,500	7,900	6,400	18	29	34	156,000	227,000	220,000
Giles	14,500	13,000	9,000	14,000	12,000	8,000	16	24	34	229,000	285,000	270,000
Jackson	2,800	2,000	1,600	2,200	1,800	1,300	18	23	25	40,000	41,000	32,000
Lincoln	37,000	33,000	27,000	36,500	32,600	26,000	16	25	30	597,000	806,000	770,000
Macon	8,600	7,300	6,000	7,900	6,700	5,000	15	28	33	121,000	188,000	163,000
Marshall	7,200	7,000	5,300	6,900	6,000	5,000	20	21	27	141,000	127,000	135,000
Maury	24,000	21,000	15,000	23,500	20,000	14,500	21	21	30	504,000	420,000	430,000
Rutherford	21,500	20,000	16,000	21,000	19,000	14,700	16	26	27	343,000	488,000	400,000
Smith	2,400	2,000	1,400	1,800	1,500	1,200	18	25	29	33,000	37,000	35,000
Sumner	20,000	18,000	14,000	19,000	17,000	13,000	16	29	33	311,000	492,000	430,000
Williamson	15,800	14,000	11,000	15,000	13,000	10,000	18	28	34	276,000	360,000	340,000
Wilson	3,500	3,500	2,200	3,300	3,000	2,100	15	23	29	51,000	69,000	60,000
Other Counties	2,600	2,200	1,400	2,200	1,800	1,200	17	26	33	37,000	46,000	39,000
District 4	206,000	186,000	145,000	197,000	175,000	135,000	17	25	30	3,446,000	4,409,000	4,100,000
Bledsoe	4,000	3,700	3,000	3,800	3,400	2,900	19	23	29	71,000	78,000	85,000
Coffee	29,000	22,600	17,000	28,400	22,000	16,700	19	20	32	533,000	438,000	530,000
Cumberland	3,000	2,700	2,500	2,800	2,500	2,400	19	22	31	52,000	55,000	75,000
Fentress	7,000	6,300	4,000	6,400	5,900	3,800	19	27	28	120,000	159,000	105,000
Franklin	31,100	27,400	25,000	30,700	27,000	24,800	20	23	32	608,000	621,000	800,000
Grundy	3,000	2,600	2,000	2,800	2,500	1,900	19	28	32	52,000	70,000	60,000
Marion	10,000	9,000	7,500	9,600	8,900	7,400	20	28	35	190,000	249,000	260,000
Morgan	2,000	1,600	1,200	1,900	1,500	1,100	20	20	31	38,000	30,000	34,000
Overton	3,000	3,000	2,000	2,800	2,500	1,600	19	22	28	53,000	55,000	45,000
Putnam	2,000	2,200	1,900	1,900	2,000	1,600	19	25	31	36,000	50,000	50,000
Sequatchie	2,000	2,200	1,900	1,900	2,000	1,800	19	31	33	36,000	62,000	60,000
Van Buren	[1]	[1]	500	[1]	[1]	500	[1]	[1]	28	[1]	[1]	14,000
Warren	19,000	14,500	12,300	18,500	14,000	12,000	16	23	29	289,000	320,000	350,000
White	4,000	4,200	3,800	3,800	4,000	3,100	16	24	32	59,000	95,000	100,000
Other Counties[1]	900	1,000	400	700	800	400	17	23	30	12,000	18,000	12,000
District 5	120,000	103,000	85,000	116,000	99,000	82,000	19	23	31	2,149,000	2,300,000	2,580,000
Blount	5,500	5,000	4,100	5,200	4,600	3,600	19	21	31	97,000	97,000	110,000
Bradley	1,800	1,200	1,000	1,200	1,000	800	17	23	33	20,000	23,000	26,000
Cocke	1,500	1,200	900	1,300	1,000	700	23	32	34	30,000	32,000	24,000
Greene	2,300	1,900	1,500	1,500	1,400	1,000	23	26	25	34,000	36,500	25,000
Hamblen	800	900	1,000	700	700	800	23	24	31	16,000	17,000	25,000
Hamilton	2,000	1,200	700	1,300	1,000	600	18	20	27	24,000	20,000	16,000
Hawkins	700	600	500	600	500	400	22	26	33	13,000	13,000	13,000
Jefferson	2,400	1,700	1,400	1,600	1,400	1,100	24	25	27	38,000	35,000	30,000
Knox	1,400	1,600	1,400	1,300	1,200	1,200	23	29	29	30,000	35,000	35,000
Loudon	2,200	2,000	1,800	1,800	1,500	1,600	20	23	25	36,000	34,500	40,000
McMinn	3,100	3,500	3,100	3,000	3,100	2,300	20	18	26	59,000	56,000	60,000
Meigs	2,300	2,200	1,900	2,100	2,000	1,700	18	21	29	37,000	42,000	50,000
Monroe	7,500	6,800	5,900	7,000	6,200	5,500	21	22	25	145,000	136,000	135,000
Polk	2,200	1,900	1,600	2,000	1,700	1,300	23	20	27	46,000	34,000	35,000
Rhea	3,400	3,000	2,100	3,000	2,700	1,700	22	27	32	65,000	74,000	55,000
Sevier	1,000	800	600	800	700	400	21	30	30	17,000	21,000	12,000
Other Counties[1]	900	500	500	600	300	300	22	30	30	13,000	9,000	9,000
District 6	41,000	36,000	30,000	35,000	31,000	25,000	21	23	28	720,000	715,000	700,000
State	2,020,000	1,900,000	1,500,000	1,970,000	1,850,000	1,460,000	16	26	31	31,520,000	48,100,000	45,260,000

[1] Less than 500 acres planted for all purposes, combined with other counties

SOYBEANS: Farm Marketings By Months, Tennessee, 1978-1987

Crop Year	Year of Production Sep.	Oct.	Nov.	Dec.	Following Year Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
					Percent							
1978	1	38	15	9	5	7	9	6	2	4	2	2
1979	2	33	30	7	7	4	3	4	3	2	3	2
1980	4	40	25	5	7	3	5	3	1	2	1	4
1981	2	31	35	10	7	3	4	4	1	1	1	1
1982	1	34	20	8	9	7	8	5	3	2	2	1
1983	2	34	27	6	9	4	8	3	3	1	1	2
1984	1	6	43	18	8	4	8	5	2	3	1	1
1985	1	18	37	18	12	4	4	2	1	1	1	1
1986	3	18	17	24	13	7	5	6	3	2	1	1
1987	2	52	15	6	10	4	3	2	2	2	1	1

SOYBEANS: Acreage, Yield, and Production—By Counties for 1986, 1987, and Preliminary 1988

District and County	Planted for All Purposes 1986	1987	1988	Harvested For Beans 1986	1987	1988	Yield Per Harv. Acre 1986	1987	1988	Production for Beans 1986	1987	1988
			Acres						Bushels			
Dyer	140,000	125,000	150,000	136,000	122,000	145,000	26	25	30	3,600,000	3,030,000	4,350,000
Lake	62,000	61,000	59,000	60,000	60,000	58,000	30	27	30	1,800,000	1,600,000	1,740,000
Lauderdale	120,000	113,000	108,000	117,000	110,000	104,000	24	24	28	2,800,000	2,600,000	2,910,000
Obion	100,000	93,000	115,000	98,000	92,000	113,000	33	28	30	3,200,000	2,550,000	3,400,000
Shelby	79,000	66,000	67,000	77,000	65,000	66,000	23	21	27	1,800,000	1,370,000	1,780,000
Tipton	94,000	82,000	86,000	92,000	81,000	84,000	23	23	26	2,100,000	1,850,000	2,200,000
District 1	595,000	540,000	585,000	580,000	530,000	570,000	26	25	29	15,300,000	13,000,000	16,400,000
Benton	7,000	6,000	7,000	6,500	5,700	6,800	22	23	25	140,000	130,000	170,000
Carroll	31,000	26,000	24,000	30,000	25,000	23,000	22	25	23	650,000	620,000	530,000
Chester	13,000	9,500	10,000	12,500	9,300	9,800	18	18	24	220,000	165,000	240,000
Crockett	23,000	20,000	23,000	22,500	19,000	22,500	21	24	28	470,000	455,000	620,000
Decatur	6,000	5,000	5,000	5,500	4,700	4,700	20	18	20	110,000	85,000	95,000
Fayette	69,000	58,000	63,000	68,000	56,000	62,000	22	19	25	1,500,000	1,050,000	1,550,000
Gibson	80,000	74,000	90,000	79,000	72,000	88,000	24	25	27	1,900,000	1,800,000	2,350,000
Hardeman	30,000	22,000	23,000	29,500	21,400	22,000	20	21	24	600,000	440,000	524,000
Hardin	31,000	23,500	26,000	30,000	22,500	25,000	20	20	24	600,000	450,000	600,000
Haywood	69,000	52,000	56,000	68,000	51,000	55,000	22	22	26	1,500,000	1,100,000	1,430,000
Henderson	26,000	22,000	23,000	25,500	21,200	22,500	24	23	25	600,000	485,000	570,000
Henry	29,000	28,000	34,000	28,000	26,800	26,000	25	22	23	700,000	590,000	600,000
McNairy	25,000	18,000	22,000	24,500	17,300	21,600	22	23	29	550,000	400,000	630,000
Madison	45,000	32,000	36,000	44,500	30,600	35,000	22	24	28	960,000	730,000	980,000
Weakley	61,000	59,000	63,000	60,000	57,500	61,000	25	24	25	1,500,000	1,400,000	1,500,000
District 2	545,000	455,000	505,000	534,000	440,000	485,000	22	23	26	12,000,000	9,900,000	12,400,000
Cheatham	2,800	2,200	2,300	2,600	2,000	1,900	29	26	24	75,000	52,000	46,000
Dickson	2,100	1,500	1,300	1,800	1,200	1,000	25	24	23	45,000	29,000	23,000
Hickman	3,500	2,900	3,500	3,100	2,500	3,000	26	24	20	80,000	61,000	60,000
Houston	1,200	900	800	1,100	800	700	25	24	21	28,000	19,000	15,000
Humphreys	4,500	4,000	4,900	4,300	3,800	4,500	26	24	26	110,000	93,000	115,000
Lawrence	17,000	12,000	14,000	16,000	10,800	12,000	29	21	20	470,000	223,000	240,000
Lewis	1,300	900	1,400	1,200	800	1,100	25	23	19	30,000	18,000	21,000
Montgomery	20,000	16,600	17,700	19,000	15,800	14,400	27	24	23	514,000	378,000	330,000
Perry	4,300	3,000	2,900	4,100	2,800	2,700	23	20	20	95,000	56,000	55,000
Robertson	39,000	33,400	28,000	38,000	32,400	23,000	27	25	19	1,040,000	820,000	445,000
Stewart	3,500	3,100	3,500	3,400	2,900	3,200	26	22	25	88,000	63,000	80,000
Wayne	5,800	4,500	4,800	5,400	4,200	4,600	23	21	22	125,000	88,000	100,000
District 3	105,000	85,000	85,000	100,000	80,000	72,000	27	24	21	2,700,000	1,900,000	1,530,000

SOYBEANS: Acreage, Yield, and Production—By Counties for 1986, 1987, and Preliminary 1988

District and County	Planted for All Purposes 1986	Planted for All Purposes 1987	Planted for All Purposes 1988	Harvested For Beans 1986	Harvested For Beans 1987	Harvested For Beans 1988	Yield Per Harv. Acre 1986	Yield Per Harv. Acre 1987	Yield Per Harv. Acre 1988	Production for Beans 1986	Production for Beans 1987	Production for Beans 1988
				Acres						Bushels		
Bedford	14,000	14,500	**14,600**	13,500	13,000	**12,300**	27	19	**20**	370,000	245,000	**240,000**
Cannon	6,000	7,700	**9,000**	5,900	7,200	**8,200**	25	18	**20**	150,000	130,000	**160,000**
Clay	2,100	2,100	**1,800**	1,600	1,600	**1,500**	25	23	**21**	40,000	36,000	**32,000**
Davidson	4,000	3,700	**3,900**	3,500	3,200	**3,100**	24	22	**23**	85,000	71,000	**72,000**
DeKalb	5,500	5,800	**6,200**	5,400	5,500	**5,400**	28	24	**19**	150,000	132,000	**100,000**
Giles	8,500	6,500	**7,500**	7,200	5,500	**6,600**	25	22	**19**	180,000	120,000	**125,000**
Jackson	1,400	1,200	**1,200**	1,200	1,000	**1,000**	25	24	**19**	30,000	24,000	**19,000**
Lincoln	22,000	23,000	**23,000**	20,800	21,700	**22,000**	29	20	**20**	610,000	438,000	**450,000**
Macon	5,000	4,500	**5,000**	4,600	4,300	**4,000**	28	24	**21**	130,000	104,000	**85,000**
Marshall	4,000	3,000	**2,600**	3,700	2,500	**2,200**	27	20	**20**	100,000	50,000	**43,000**
Maury	14,000	11,200	**9,800**	12,800	9,800	**7,200**	27	18	**17**	350,000	180,000	**123,000**
Rutherford	12,000	12,000	**12,500**	10,400	10,400	**10,000**	26	22	**23**	275,000	230,000	**225,000**
Smith	1,300	1,100	**1,000**	1,100	900	**800**	27	21	**23**	30,000	18,500	**18,000**
Sumner	11,000	9,500	**11,000**	10,000	9,000	**9,000**	26	25	**17**	255,000	222,000	**150,000**
Williamson	8,500	7,500	**8,000**	7,900	7,000	**6,300**	27	24	**17**	215,000	170,000	**110,000**
Wilson	1,700	1,700	**1,700**	1,600	1,600	**1,400**	25	21	**20**	40,000	34,000	**28,000**
Other Counties	1,000	1,000	**1,200**	800	800	**1,000**	25	19	**20**	20,000	15,500	**20,000**
District 4	122,000	116,000	**120,000**	112,000	105,000	**102,000**	27	21	**20**	3,030,000	2,220,000	**2,000,000**
Bledsoe	2,100	2,000	**2,000**	2,000	1,800	**1,800**	25	20	**20**	50,000	36,000	**36,000**
Coffee	17,000	18,300	**18,000**	16,500	17,800	**16,000**	29	16	**19**	480,000	284,000	**300,000**
Cumberland	2,000	1,600	**1,700**	1,800	1,400	**1,500**	25	22	**23**	45,000	21,000	**35,000**
Fentress	2,800	2,500	**2,100**	2,700	2,400	**2,000**	30	23	**26**	80,000	55,000	**52,000**
Franklin	25,500	26,000	**27,000**	25,200	25,300	**25,300**	29	17	**23**	720,000	420,000	**570,000**
Grundy	2,000	2,400	**2,600**	1,900	2,300	**2,200**	29	20	**20**	55,000	46,000	**45,000**
Marion	7,000	7,500	**7,300**	6,900	7,200	**7,100**	27	20	**25**	185,000	143,000	**178,000**
Morgan	1,000	1,000	**1,000**	800	800	**800**	29	18	**23**	23,000	14,500	**18,000**
Overton	1,400	1,100	**1,200**	1,300	1,000	**1,000**	28	21	**25**	37,000	21,000	**25,000**
Putnam	1,400	1,000	**900**	1,300	800	**700**	24	23	**24**	31,000	18,000	**17,000**
Sequatchie	1,500	1,400	**1,100**	1,300	1,200	**1,000**	21	18	**23**	27,000	22,000	**23,000**
Van Buren	600	600	**500**	500	500	**350**	24	20	**23**	12,000	9,800	**8,000**
Warren	10,000	12,000	**13,400**	9,700	11,400	**11,500**	22	16	**18**	210,000	185,000	**205,000**
White	3,400	2,300	**2,000**	2,800	1,800	**1,600**	24	21	**23**	66,000	38,000	**37,000**
Other Counties	300	300	**200**	300	300	**150**	30	22	**20**	9,000	6,700	**3,000**
District 5	78,000	80,000	**81,000**	75,000	76,000	**73,000**	27	18	**21**	2,030,000	1,330,000	**1,550,000**
Blount	3,600	3,600	**2,700**	2,800	2,700	**1,800**	26	20	**24**	74,000	53,000	**44,000**
Bradley	600	800	**900**	400	600	**700**	20	19	**24**	8,000	11,500	**17,000**
Cocke	900	1,000	**1,200**	700	900	**1,000**	20	26	**29**	14,000	23,000	**29,000**
Greene	1,200	1,000	**1,100**	700	700	**800**	21	20	**21**	15,000	14,000	**17,000**
Hamblen	700	700	**600**	600	600	**500**	27	22	**26**	16,000	13,000	**13,000**
Hamilton	700	600	**700**	500	500	**500**	20	20	**24**	10,000	10,000	**12,000**
Hawkins	500	[1]	**500**	400	[1]	**400**	23	[1]	**24**	9,000	[1]	**9,700**
Jefferson	1,400	1,400	**1,600**	1,000	1,100	**1,300**	22	24	**26**	22,000	26,000	**34,000**
Knox	1,300	1,000	**1,100**	1,000	800	**700**	24	21	**24**	24,000	16,500	**17,000**
Loudon	1,400	1,800	**1,600**	1,000	1,500	**1,100**	21	19	**24**	21,000	28,000	**26,000**
McMinn	2,400	1,800	**2,000**	1,600	1,200	**1,300**	22	22	**24**	35,000	26,000	**31,000**
Meigs	1,700	1,700	**1,600**	1,400	1,300	**1,300**	26	20	**24**	36,000	26,000	**31,000**
Monroe	5,000	5,000	**4,800**	4,400	4,500	**3,900**	23	23	**25**	100,000	104,000	**97,000**
Polk	1,000	1,300	**1,200**	700	1,000	**1,000**	21	16	**21**	15,000	16,000	**21,000**
Rhea	1,400	1,200	**1,600**	1,200	700	**1,200**	23	18	**25**	27,000	12,500	**30,000**
Other Counties	1,200	1,100	**800**	600	900	**500**	23	23	**23**	14,000	20,500	**11,300**
District 6	25,000	24,000	**24,000**	19,000	19,000	**18,000**	23	21	**24**	440,000	400,000	**440,000**
State	1,470,000	1,300,000	**1,400,000**	1,420,000	1,250,000	**1,320,000**	25	23	**26**	35,500,000	28,750,000	**34,320,000**

[1] Less than 500 acres planted for all purposes, combined with other counties

TOBACCO

Dark Tobacco Growers Enjoy The Best Year Ever

The Dark type tobacco growers of upper Middle Tennessee harvested their finest crop ever in 1988. An unusual combination of record high yields per acre and record high prices sparked dark producers to recover from the lean previous four years. For example, the Eastern Dark-fired growers averaged 2,385 pounds per acre with a return of $2.231 per pound for their 1988 crop. The previous records for this crop were 2,210 pounds per acre and an price of $1.844. Dark type tobacco represented 17 percent of Tennessee's total tobacco production.

Burley Tobacco Crop Fair And Improved

Burley tobacco growers in 1988 had as close to a normal crop as they've had in years. Timely July and August rainfall boosted yields above the previous two seasons' drought reduced levels. Fall curing conditions were also good. Final yield figures pegged the crop at 1,850 pounds per acre. This topped 1987's average of 1,705 pounds per acre and exceeded the five-year average of 1,799. Producers reduced acreage to 42,000, or 1,000 less than in 1987. Total burley tobacco production, however, was up 6 percent because of better yields per acre. Burley tobacco production amounted to 77.7 million pounds or 83 percent of Tennessee' tobacco production.

Tobacco Number Three In Value in The State

Tennessee's 1988 tobacco crop was valued at $158.8 million dollars and ranked as the third leading crop next to soybeans and cotton. The burley tobacco was worth $124.9 million dollars while the dark types were valued at $33.8 million dollars.

ALL TOBACCO: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE 1979-88

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1979	60,090	1,745	104,829	1.376	144,275
1980	64,760	1,728	111,931	1.611	180,221
1981	78,650	2,053	161,463	1.776	286,789
1982	82,610	2,156	178,117	1.723	306,830
1983	72,910	1,621	118,197	1.797	212,428
1984	74,990	2,062	154,646	1.792	277,133
1985	61,710	2,065	127,403	1.571	200,189
1986	49,240	1,682	82,821	1.524	126,202
1987	49,440	1,766	87,291	1.551	135,421
1988	**48,520**	**1,920**	**93,142**	**1.705**	**158,782**

AIR-CURED TOBACCO: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1979-88[1]

Crop Year	Year Of Production		Following Year	
	Nov.	Dec.	Jan.	Feb.
		Percent		
1979	61	26	13	0
1980	30	62	7	1
1981	33	55	11	1
1982	41	45	14	0
1983	42	42	15	1
1984	50	37	14	0
1985	26	67	5	2
1986	29	61	10	0
1987	31	55	14	0
1988	**50**	**33**	**17**	**0**

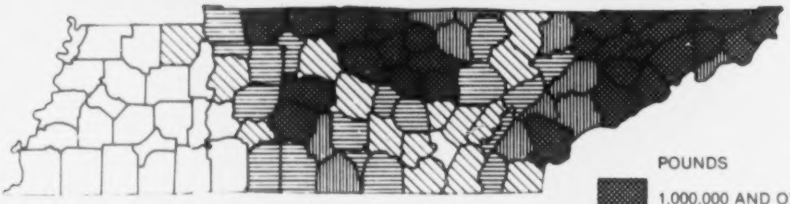
[1] Includes Type 31 (Burley) and Type 35 (Dark Air-Cured).

FIRE-CURED TOBACCO: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1979-88[1]

Crop Year	Following Year			
	Jan.	Feb.	Mar.	Apr.
		Percent		
1979	11	57	32	0
1980	8	42	50	0
1981	17	72	11	0
1982	24	68	8	0
1983	12	71	17	0
1984	10	59	31	0
1985	28	46	26	0
1986	40	50	10	0
1987	46	50	4	0
1988	**27**	**73**	**0**	**0**

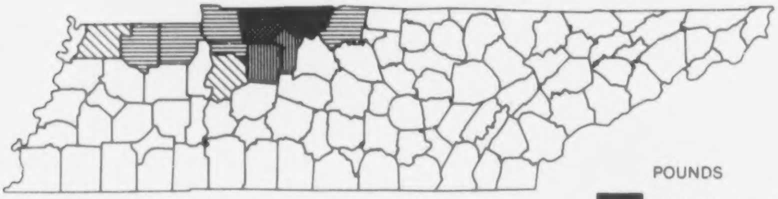
[1] Includes Type 22 (Eastern Dark) and Type 23 (Western Dark)

BURLEY TOBACCO: 1988 PRODUCTION


POUNDS
1,000,000 AND OVER
500,000-999,999
100,000-499,999
UNDER 100,000
NO PRODUCTION

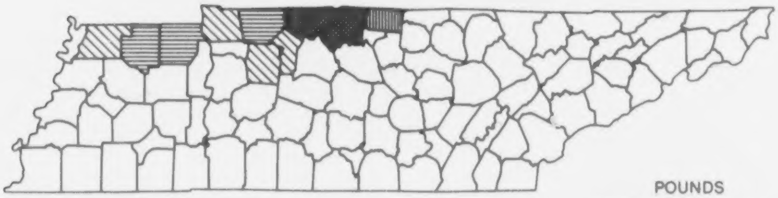
TOP FIVE COUNTIES	
1. GREENE	7,963,000
2. SUMNER	4,363,000
3. WASHINGTON	4,216,000
4. CLAIBORNE	3,938,000
5. HAWKINS	3,609,000

DARK FIRE-CURED: 1988 PRODUCTION


POUNDS
3,000,000 AND OVER
1,000,000-2,999,999
50,000-999,999
UNDER 50,000
NO PRODUCTION

TOP FIVE COUNTIES	
1. ROBERTSON	5,670,000
2. MONTGOMERY	3,591,000
3. CHEATHAM	1,390,000
4. DICKSON	1,330,000
5. STEWART	882,000

DARK AIR-CURED: 1988 PRODUCTION


POUNDS
100,000 AND OVER
50,000-99,999
10,000-49,999
UNDER 10,000
NO PRODUCTION

TOP FIVE COUNTIES	
1. ROBERTSON	575,000
2. SUMNER	283,000
3. MACON	53,000
4. WEAKLEY	37,400
5. MONTGOMERY	31,000

TOBACCO, TYPE 22, EASTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1979-88

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1979	11,800	1,765	20,827	1.167	24,305
1980	10,600	1,745	18,497	1.436	26,562
1981	11,300	1,565	17,685	1.645	29,092
1982	12,200	2,040	24,888	1.568	39,024
1983	10,800	1,540	16,632	1.844	30,669
1984	11,800	2,210	26,078	1.540	40,160
1985	10,800	2,210	23,868	1.522	36,327
1986	8,800	2,025	17,820	1.436	25.590
1987	5,500	2,170	11,935	1.559	18,607
1988	5,800	2,295	13,326	2.231	29,731

TOBACCO, TYPE 23, WESTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1979-88

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
1979	690	1,710	1,180	1.124	1,326
1980	560	1,610	902	1.181	1,065
1981	650	1,590	1,034	1.466	1,516
1982	810	2,055	1,665	1.411	2,349
1983	810	1,355	1,098	1.809	1,986
1984	890	2,205	1,962	1.635	3,208
1985	810	2,180	1,766	1.450	2,561
1986	680	2,275	1,547	1.459	2,257
1987	460	2,350	1,081	1.505	1,627
1988	440	2,450	1,078	2.151	2,319

TOBACCO, TYPE 31 BURLEY: ACREAGE, YIELD, PRODUCTION AND VALUE, 1979-88

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
1979	46,000	1,745	80,270	1.440	115,589
1980	52,000	1,725	89,700	1.658	148,723
1981	65,000	2,155	140,075	1.802	252,415
1982	68,000	2,185	148,580	1.761	261,649
1983	60,000	1,640	98,400	1.794	176,530
1984	61,000	2,030	123,830	1.858	230,076
1985	49,000	2,030	99,470	1.591	158,257
1986	39,000	1,590	62,010	1.557	96,550
1987	43,000	1,705	73,315	1.553	113,858
1988	42,000	1,850	77,700	1.608	124,942

TOBACCO, TYPE 35, DARK AIR-CURED: ACREAGE, YIELD, PRODUCTION AND VALUE 1979-88

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
1979	1,600	1,595	2,552	1.197	3,055
1980	1,600	1,770	2,832	1.367	3,871
1981	1,700	1,570	2,669	1.411	3,766
1982	1,600	1,865	2,984	1.276	3,808
1983	1,300	1,590	2,067	1.569	3,243
1984	1,300	2,135	2,776	1.329	3,689
1985	1,100	2,090	2,299	1.324	3,044
1986	760	1,900	1,440	1.250	1,805
1987	480	2,000	960	1.384	1,329
1988	480	2,100	1,008	1.690	1,704

BURLEY TOBACCO—TYPE 31: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1979-88[1]

Crop Year	Year of Production		Following Year		Marketing Year Average Price
	November	December	January	February	
	Dollars Per Pound				
1979	1.429	1.465	1.440	—	1.440
1980	1.650	1.660	1.655	1.645	1.658
1981	1.795	1.805	1.815	—	1.802
1982	1.783	1.747	1.740	1.760	1.761
1983	1.829	1.789	1.710	1.660	1.794
1984	1.856	1.863	1.849	—	1.858
1985	1.596	1.592	1.576	1.548	1.591
1986	1.566	1.563	1.490	—	1.557
1987	1.575	1.569	1.440	—	1.553
1988	1.615	1.615	[2]	—	1.608

[1] Crop Market Season is November through February of the following year.

[2] Not available.

TOBACCO: Acreage, Yield and Production—By Counties for 1983, 1984, and 1985

District and County	Acreage Harvested			Yield[1] Pounds Per Acre			Production In Pounds		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
Eastern Dark-Fired (Type 22)									
Cheatham	1,100	1,200	1,100	1,450	2,285	2,360	1,594,000	2,743,000	2,595,000
Dickson	1,060	1,140	1,040	1,435	2,100	2,350	1,521,000	2,393,000	2,446,000
Houston	154	180	170	1,390	2,070	2,235	214,000	372,700	379,800
Montgomery	2,910	3,190	2,930	1,415	2,090	2,075	4,124,000	6,673,000	6,079,000
Robertson	4,500	4,935	4,485	1,730	2,360	2,255	7,788,000	11,651,000	10,115,000
Stewart	785	865	800	1,265	2,015	2,115	994,000	1,741,000	1,692,000
Davidson	108	79	95	1,035	1,505	1,855	112,000	119,000	176,000
Sumner	180	208	175	1,555	1,815	2,150	280,100	377,000	376,000
Other Counties	3	3	5	1,635	2,765	1,840	4,900	8,300	9,200
STATE	10,800	11,800	10,800	1,540	2,210	2,210	16,632,000	26,078,000	23,868,000
Western Dark-Fired (Type 23)									
Obion	8	13	9	1,475	2,545	2,210	11,800	33,100	19,900
Henry	650	717	654	1,365	2,255	2,265	888,000	1,616,000	1,481,000
Weakley	152	160	147	1,305	1,955	1,805	198,200	312,900	265,100
STATE	810	890	810	1,355	2,205	2,180	1,098,000	1,962,000	1,766,000
Dark Air-Cured (Type 35)									
Obion	7	8	[2]	1,255	1,040	[2]	8,800	8,300	[2]
Henry	11	12	10	1,180	2,340	1,970	13,000	28,100	19,700
Weakley	48	39	40	1,525	2,220	2,090	73,100	86,500	83,500
Cheatham	9	[2]	[2]	2,000	[2]	[2]	18,000	[2]	[2]
Montgomery	38	41	31	1,535	2,065	1,855	58,400	84,600	57,500
Robertson	665	656	556	1,665	2,260	2,175	1,106,000	1,483,000	1,208,000
Stewart	7	7	[2]	820	1,855	[2]	5,750	13,000	[2]
Davidson	4	[2]	[2]	525	[2]	[2]	2,100	[2]	[2]
Macon	90	95	85	1,480	2,140	2,085	133,000	203,500	177,300
Sumner	420	432	357	1,545	1,940	1,985	648,000	838,500	709,000
Other Counties	1	10	21	850	3,050	2,095	850	30,500	44,000
STATE	1,350	1,300	1,100	1,590	2,135	2,090	2,067,000	2,776,000	2,299,000
Burley (Type 31)									
Cheatham	170	200	125	1,225	2,185	1,920	208,600	436,500	240,000
Dickson	165	170	107	1,100	1,815	1,820	181,400	308,500	195,000
Hickman	260	255	165	1,435	1,815	1,860	373,100	463,000	307,000
Houston	115	115	70	1,170	1,960	1,930	134,400	225,500	135,000
Humphreys	28	19	21	1,200	1,715	1,940	33,600	32,600	40,700
Lawrence	325	335	215	1,375	1,900	1,815	446,200	636,000	390,000
Lewis	95	85	44	1,265	1,710	1,930	120,100	145,500	85,000
Montgomery	1,180	1,280	890	1,415	2,035	2,055	1,669,000	2,602,000	1,830,000
Robertson	1,230	1,300	935	1,570	2,235	2,065	1,934,000	2,908,000	1,930,000
Stewart	355	380	285	1,185	1,955	1,825	420,800	742,000	520,000
District 3	3,923	4,139	2,857	1,405	2,055	1,985	5,521,200	8,499,600	5,672,700
Bedford	320	320	318	1,105	1,640	1,700	353,800	524,000	540,000
Cannon	315	300	255	1,355	2,020	2,000	426,500	606,000	510,000
Clay	875	800	615	1,480	1,860	1,935	1,296,000	1,489,000	1,190,000
Davidson	85	91	77	1,475	2,120	2,080	125,200	193,000	160,000
DeKalb	1,100	1,050	710	1,385	1,865	2,085	1,525,000	1,960,000	1,480,000
Giles	580	550	355	1,260	1,875	1,915	730,700	1,030,000	680,000
Jackson	1,010	1,220	955	1,535	2,000	1,895	1,549,000	2,437,000	1,810,000
Lincoln	815	840	680	1,110	2,010	1,750	906,000	1,689,000	1,190,000
Macon	2,310	2,400	1,740	1,485	2,165	2,100	3,433,000	5,201,000	3,650,000
Marshall	550	580	440	1,505	2,080	2,070	828,800	1,205,000	910,000
Maury	2,310	2,200	1,690	1,510	1,950	1,925	3,492,000	4,295,000	3,250,000
Moore	330	340	285	1,105	2,045	2,005	363,900	695,000	571,000
Rutherford	135	145	105	1,655	2,015	1,800	223,500	292,000	189,000
Smith	2,140	2,230	1,470	1,560	2,300	2,240	3,334,000	5,125,000	3,290,000
Sumner	2,890	3,160	2,370	1,265	2,115	2,015	3,654,000	6,679,000	4,780,000
Trousdale	1,350	1,390	825	1,235	2,235	2,180	1,664,000	3,106,000	1,800,000
Williamson	1,510	1,510	1,120	1,595	2,150	2,105	2,409,000	3,248,000	2,360,000
Wilson	1,250	1,200	1,040	1,210	2,155	2,040	1,514,000	2,585,000	2,120,000
District 4	19,875	20,326	15,050	1,400	2,085	2,025	27,828,400	42,359,000	30,480,000

TOBACCO: Acreage, Yield and Production—By Counties for 1983, 1984, and 1985

District and County	Acreage Harvested			Yield[1] Pounds Per Acre			Production In Pounds		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
				Burley (Type 31)					
Bledsoe	12	[2]	[2]	1,500	[2]	[2]	18,000	[2]	[2]
Coffee	36	30	22	1,040	1,600	2,225	37,400	48,000	49,000
Cumberland	270	230	180	1,805	1,580	1,860	487,800	363,500	335,000
Fentress	250	220	182	1,645	1,795	1,785	411,500	395,000	325,000
Franklin	220	240	160	1,180	1,780	1,780	259,700	427,500	285,000
Grundy	9	10	11	1,235	1,350	1,820	11,100	13,500	20,000
Marion	7	[2]	[2]	1,180	[2]	[2]	8,250	[2]	[2]
Morgan	72	60	45	1,805	1,610	1,980	129,900	96,500	89,000
Overton	510	460	335	1,600	1,790	2,015	816,400	824,000	675,000
Pickett	515	450	390	1,650	1,815	1,925	848,700	817,000	751,000
Putnam	1,120	1,170	760	1,565	1,850	2,195	1,752,000	2,163,000	1,670,000
Scott	30	23	19	1,500	1,710	1,895	45,000	39,300	36,000
Van Buren	50	45	35	1,730	1,790	1,855	86,500	80,600	65,000
Warren	340	310	205	1,190	1,585	1,900	405,000	491,000	390,000
White	855	810	660	1,440	1,965	2,030	1,230,000	1,590,000	1,340,000
District 5	4,296	4,058	3,004	1,525	1,810	2,005	6,547,250	7,348,900	6,030,000
Anderson	240	250	182	1,800	2,010	2,035	432,200	502,000	370,000
Blount	905	825	670	1,540	1,920	1,880	1,394,000	1,582,000	1,260,000
Bradley	68	150	120	1,660	2,000	1,960	112,800	300,000	235,000
Campbell	465	510	415	1,805	1,965	1,915	839,300	1,002,000	795,000
Carter	1,420	1,300	1,040	1,840	1,880	1,855	2,614,000	2,446,000	1,930,000
Claiborne	2,340	2,700	2,200	1,890	2,100	2,085	4,425,000	5,673,000	4,590,000
Cocke	1,770	1,740	1,550	1,590	1,855	2,015	2,811,000	3,228,000	3,120,000
Grainger	1,300	1,600	1,300	1,945	2,070	2,115	2,526,000	3,312,000	2,750,000
Greene	4,550	4,850	4,850	1,840	1,965	2,030	8,368,000	9,538,000	9,840,000
Hamblen	870	940	880	2,070	2,120	2,225	1,801,000	1,994,000	1,960,000
Hamilton	8	12	12	1,325	2,100	2,000	10,600	25,200	24,000
Hancock	1,360	1,390	1,010	1,630	1,980	2,160	2,214,000	2,754,000	2,180,000
Hawkins	2,280	2,420	2,300	1,980	2,075	2,115	4,519,000	5,021,000	4,870,000
Jefferson	1,180	1,250	1,250	1,965	2,320	2,030	2,321,000	2,897,000	2,540,000
Johnson	1,530	1,300	1,150	1,935	1,945	2,010	2,957,000	2,526,000	2,310,000
Knox	935	730	610	1,505	1,910	1,850	1,406,000	1,395,000	1,130,000
Loudon	810	700	570	1,480	2,065	1,945	1,198,000	1,445,000	1,110,000
McMinn	1,090	1,000	670	1,570	1,815	1,925	1,710,000	1,814,000	1,290,000
Meigs	290	290	195	1,765	1,995	2,020	512,400	578,500	394,000
Monroe	1,160	1,180	880	1,645	1,770	1,840	1,906,000	2,087,000	1,620,000
Polk	27	27	23	1,495	1,580	1,915	40,400	42,600	44,000
Rhea	52	52	43	1,700	2,030	1,930	88,400	105,500	83,000
Roane	365	365	240	1,590	1,925	2,000	580,500	702,000	480,000
Sevier	1,390	1,500	1,200	1,835	2,145	2,060	2,553,000	3,221,000	2,470,000
Sullivan	1,910	1,670	1,420	2,025	2,000	1,970	3,863,000	3,336,000	2,800,000
Unicoi	595	540	450	2,140	2,085	2,055	1,272,000	1,127,000	925,000
Union	785	850	780	1,840	2,120	1,985	1,443,000	1,803,000	1,550,000
Washington	2,210	2,310	2,060	2,075	2,215	2,225	4,584,000	5,122,000	4,580,000
District 6	31,905	32,451	28,070	1,835	2,020	2,040	58,501,600	65,578,800	57,250,000
Other Counties	1	26	19	1,550	1,680	1,965	1,550	43,700	37,300
State (Burley)	60,000	61,000	49,000	1,640	2,030	2,030	98,400,000	123,830,000	99,470,000
State Total (All Tobacco)	72,910	74,990	61,710	1,621	2,062	2,065	118,197,000	154,646,000	127,403,000

[1] Yield derived to nearest 5 pounds, except all tobacco to nearest pound.

[2] Combined with other counties.

TOBACCO: Acreage, Yield and Production—By Counties for 1986, 1987, and Preliminary 1988

District and County	Acreage Harvested 1986	Acreage Harvested 1987	Acreage Harvested 1988	Yield[1] Pounds Per Acre 1986	Yield[1] Pounds Per Acre 1987	Yield[1] Pounds Per Acre 1988	Production in Pounds 1986	Production in Pounds 1987	Production in Pounds 1988
Eastern Dark-Fired (Type 22)									
Cheatham	835	565	580	2,125	2,170	2,395	1,775,000	1,227,000	1,390,000
Dickson	885	540	545	1,965	2,190	2,440	1,740,000	1,183,000	1,330,000
Houston	145	100	90	1,830	2,000	2,322	265,000	200,000	209,000
Montgomery	2,410	1,480	1,530	1,865	2,160	2,345	4,500,000	3,200,000	3,591,000
Robertson	3,660	2,255	2,320	2,120	2,200	2,445	7,760,000	4,960,000	5,670,000
Stewart	685	425	405	2,110	2,120	2,175	1,445,000	900,000	880,000
Davidson	56	43	46	1,745	1,575	1,810	97,780	67,700	83,300
Sumner	123	90	82	1,910	2,155	2,440	235,000	194,000	200,000
Other Counties	1	2	2	2,220	1,650	1,350	2,220	3,320	2,700
STATE	8,800	5,500	5,600	2,025	2,170	2,385	17,820,000	11,935,000	[illegible]
Western Dark-Fired (Type 23)									
Obion	5	6	6	2,800	2,335	2,535	14,000	14,000	15,200
Henry	569	370	360	2,275	2,335	2,450	1,295,000	864,000	882,000
Weakley	106	84	74	2,245	2,415	2,445	238,000	203,000	180,800
STATE	680	460	440	2,275	2,350	2,450	1,547,000	1,081,000	1,078,000
Dark Air-Cured (Type 35)									
Henry	8	5	5	1,815	1,960	2,200	14,500	9,800	11,000
Weakley	24	15	16	2,250	2,335	2,340	54,000	35,000	37,400
Cheatham	7	5	[2]	2,355	2,800	[2]	16,500	14,000	[2]
Montgomery	23	14	15	1,850	2,070	2,065	42,500	29,000	31,000
Robertson	410	263	275	1,920	1,990	2,090	787,000	523,000	575,000
Macon	50	34	25	2,060	2,175	2,120	103,000	74,000	53,000
Sumner	230	142	134	1,790	1,900	2,110	412,000	270,000	283,000
Other Counties	8	2	10	1,815	2,600	1,760	14,500	5,200	17,600
STATE	760	480	480	1,900	2,000	2,100	1,444,000	960,000	1,008,000
Burley (Type 31)									
Cheatham	115	135	135	1,785	1,860	1,865	205,000	251,000	252,000
Dickson	95	110	110	1,455	1,635	1,880	138,000	180,000	207,000
Hickman	100	110	90	1,500	1,575	1,835	150,000	173,000	165,000
Houston	55	64	70	1,580	1,690	1,855	87,000	108,000	130,000
Humphreys	11	16	12	1,545	1,625	1,915	17,000	26,000	23,000
Lawrence	145	176	195	1,450	1,815	2,005	210,000	319,000	391,000
Lewis	39	44	35	1,565	1,660	1,600	61,000	73,000	56,000
Montgomery	785	865	890	1,655	1,900	2,055	1,300,000	1,644,000	1,830,000
Robertson	855	905	960	1,745	1,970	2,200	1,490,000	1,785,000	2,112,000
Stewart	250	245	250	1,610	1,595	1,775	402,000	391,000	444,000
District 3	2,450	2,670	2,747	1,655	1,855	2,040	4,060,000	4,950,000	5,610,000
Bedford	190	175	135	1,420	1,370	1,780	270,000	240,000	240,000
Cannon	170	190	150	1,410	1,510	1,635	240,000	287,000	245,000
Clay	490	560	490	1,550	1,650	1,795	760,000	925,000	878,000
Davidson	60	60	50	1,385	1,535	1,620	83,000	92,000	81,000
DeKalb	515	650	620	1,535	1,660	1,720	790,000	1,080,000	1,066,000
Giles	230	280	280	1,325	1,555	1,740	305,000	435,000	487,000
Jackson	680	820	710	1,440	1,575	1,710	980,000	1,290,000	1,213,000
Lincoln	460	500	435	1,390	1,500	1,770	640,000	750,000	770,000
Macon	1,450	1,710	1,400	1,730	1,805	1,665	2,510,000	3,085,000	2,330,000
Marshall	330	345	325	1,410	1,420	1,545	465,000	490,000	502,000
Maury	1,300	1,450	1,250	1,430	1,520	1,800	1,860,000	2,205,000	2,250,000
Moore	195	240	210	1,490	1,625	1,895	290,000	390,000	398,000
Rutherford	70	70	50	1,315	1,370	1,700	92,000	96,000	85,000
Smith	1,230	1,460	1,440	1,710	1,665	1,850	2,100,000	2,430,000	2,664,000
Sumner	1,910	2,000	2,230	1,470	1,830	1,955	2,810,000	3,655,000	4,363,000
Trousdale	730	890	840	1,725	1,905	2,140	1,260,000	1,695,000	1,798,000
Williamson	880	840	790	1,630	1,825	2,135	1,435,000	1,535,000	1,687,000
Wilson	610	660	650	1,475	1,440	1,870	900,000	950,000	1,217,000
District 4	11,500	12,900	12,055	1,545	1,675	1,845	17,790,000	21,630,000	22,274,000

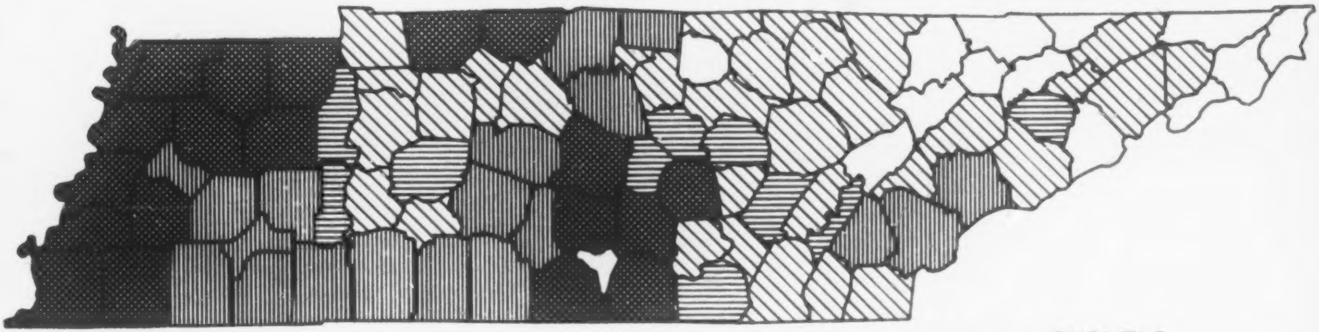
TOBACCO: Acreage, Yield and Production—By Counties for 1986, 1987, and Preliminary 1988

District and County	Acreage Harvested			Yield[1] Pounds Per Acre			Production In Pounds		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
				Burley (Type 31)					
Coffee	15	16	20	1,605	1,625	2,100	24,100	26,000	42,000
Cumberland	130	135	120	1,425	1,675	1,940	185,000	226,000	233,000
Fentress	130	170	165	1,385	1,825	1,830	180,000	310,000	302,000
Franklin	105	120	110	1,410	1,515	1,810	148,000	182,000	199,000
Grundy	7	8	[2]	1,345	1,515	[2]	9,400	12,100	[2]
Morgan	37	43	43	1,570	1,800	1,820	58,000	77,400	78,300
Overton	245	310	330	1,655	1,760	1,795	405,000	545,000	592,000
Pickett	280	390	360	1,610	1,845	1,815	450,000	720,000	654,000
Putnam	590	680	695	1,560	1,800	1,740	920,000	1,225,000	1,208,000
Scott	15	13	17	1,465	1,540	1,880	22,000	20,000	32,000
Van Buren	27	27	27	1,335	1,395	1,425	36,000	37,700	38,500
Warren	150	154	115	1,465	1,410	1,785	220,000	217,000	205,000
White	538	600	525	1,675	1,725	1,940	900,000	1,035,000	1,018,000
District 5	2,269	2,666	2,527	1,570	1,740	1,820	3,557,500	4,633,200	4,601,800
Anderson	130	135	95	1,655	1,630	1,790	215,000	220,000	170,000
Blount	510	460	420	1,560	1,545	1,900	795,000	710,000	798,000
Bradley	95	87	80	1,525	1,450	1,840	145,000	126,000	147,200
Campbell	335	440	380	1,495	1,555	1,845	500,000	685,000	693,000
Carter	720	770	770	1,470	1,525	1,745	1,060,000	1,175,000	1,345,000
Claiborne	1,850	2,180	2,050	1,785	1,895	1,920	3,300,000	4,135,000	3,938,000
Cocke	1,170	1,270	1,320	1,495	1,745	1,755	1,750,000	2,215,000	2,317,000
Grainger	1,120	1,210	1,250	1,855	1,870	1,890	2,075,000	2,260,000	2,361,000
Greene	3,850	4,160	4,320	1,470	1,725	1,845	5,650,000	7,180,000	7,963,000
Hamblen	740	814	780	1,755	1,745	1,900	1,300,000	1,420,000	1,484,000
Hamilton	16	[2]	[2]	1,765	[2]	[2]	28,200	[2]	[2]
Hancock	900	1,070	1,120	1,620	1,905	1,920	1,460,000	2,040,000	2,153,000
Hawkins	1,910	2,130	2,140	1,570	1,735	1,685	3,000,000	3,700,000	3,609,000
Jefferson	1,100	1,130	1,090	1,865	1,675	1,965	2,050,000	1,890,000	2,140,000
Johnson	910	1,090	1,150	1,735	1,585	1,950	1,580,000	1,730,000	2,243,000
Knox	440	440	340	1,615	1,595	1,725	710,000	702,000	587,000
Loudon	440	440	405	1,525	1,535	1,800	670,000	675,000	730,000
McMinn	580	590	550	1,605	1,580	1,805	930,000	931,000	994,000
Meigs	195	190	190	2,050	1,595	1,620	400,000	303,000	308,000
Monroe	660	640	650	1,415	1,520	1,745	935,000	973,000	1,135,000
Polk	13	9	11	1,560	1,555	1,680	20,300	14,000	18,500
Rhea	36	34	26	1,765	1,610	1,730	63,500	54,800	45,000
Roane	265	235	160	1,804	1,520	1,850	478,000	357,000	297,000
Sevier	960	910	850	1,615	1,625	1,810	1,550,000	1,480,000	1,538,000
Sullivan	960	1,160	1,250	1,565	1,580	1,735	1,500,000	1,830,000	2,166,000
Unicoi	390	400	350	1,460	1,475	1,790	570,000	590,000	626,000
Union	620	690	610	1,595	1,875	1,920	990,000	1,295,000	1,171,000
Washington	1,850	2,060	2,300	1,540	1,640	1,835	2,850,000	3,380,000	4,216,000
District 6	22,765	24,744	24,657	1,605	1,700	1,830	36,575,000	42,070,800	45,092,700
Other Counties	16	20	14	1,720	1,550	1,535	27,500	31,000	21,500
State (Burley)	39,000	43,000	42,000	1,590	1,705	1,850	62,010,000	73,315,000	77,700,000
State Total (All Tobacco)	49,240	49,440	48,520	1,682	1,766	1,920	82,821,000	87,291,000	93,142,000

[1] Yield derived to nearest 5 pounds, except all tobacco to nearest pound

[2] Combined with other counties.

WHEAT



TOP FIVE COUNTIES

1.	OBION	2,700,000
2.	DYER	2,120,000
3.	WEAKLEY	1,480,000
4.	ROBERTSON	1,310,000
5.	LAUDERDALE	1,080,000

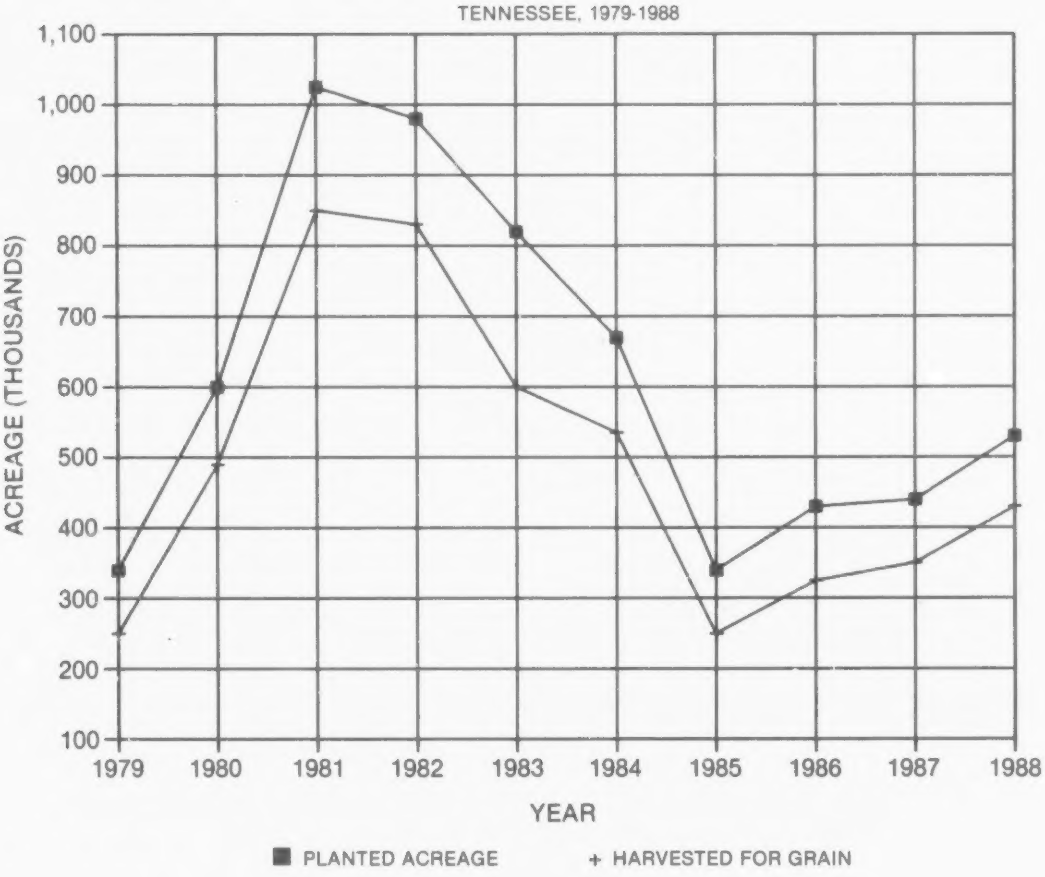
Certainly one of the bright spots for Tennessee agriculture in 1988 was the tremendous wheat crop enjoyed by virtually every grower in the state. The combination of a mild winter, a near-perfect cool, dry spring, and very little insect or disease problems led to the best wheat crop ever. A remarkable 50 bushels per acre was the final for 1988. This average surpassed the previous best, 44 bushels per acre crop, that was produced back in1981. The ten-year average wheat yield is only 36.6 bushels per acre. The 1988 wheat production from 430,000 acres totaled 21.5 million bushels, or 50 percent more than 1987, and the most since 1982 when 830,000 acres were harvested.

The 1988 wheat crop was valued at 73.1 million dollars. The market year average price received by farmers was $3.40 per bushel, up 80 cents from 1987. Farmers enjoyed the best prices since 1981.

WHEAT: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Crop Year	Acreage		Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	Planted	Harvested				
	1,000		Bushels	1,000 Bu.	Dollars Per Bushel	1,000 Dollars
1979	340	250	34.0	8,500	3.80	32,300
1980	600	490	38.0	18,620	3.80	70,756
1981	1,025	850	44.0	37,400	3.50	130,900
1982	980	830	36.0	29,880	3.00	89,640
1983	820	600	33.0	19,800	3.30	65,340
1984	670	535	40.0	21,400	3.30	70,620
1985	340	250	32.0	8,000	3.00	24,000
1986	430	325	33.0	10,725	2.50	26,813
1987	440	350	41.0	14,350	2.60	37,310
1988	530	430	50.0	21,500	3.40	73,100

WHEAT: PLANTED AND HARVESTED ACREAGE



WHEAT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1979-88

Crop Year	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb..	Mar.	Apr.	May	Marketing Year Average[1]
						DOLLARS PER BUSHEL							
1979	3.70	3.90	3.80	3.80	3.85	3.80	3.95	3.90	4.00	4.00	3.75	3.85	3.80
1980	3.65	3.70	3.90	4.15	4.40	4.50	4.40	4.50	4.40	4.20	4.20	4.00	3.80
1981	3.60	3.10	3.30	3.30	3.50	3.60	3.50	3.60	3.50	3.40	3.50	3.40	3.50
1982	3.00	3.10	3.00	3.00	2.90	3.00	2.90	2.70	3.20	3.15	3.25	3.35	3.00
1983	3.20	3.30	3.70	3.50	3.50	3.40	3.40	3.50	3.30	3.55	3.70	3.55	3.30
1984	3.30	3.30	3.35	3.35	3.35	3.50	3.45	3.50	3.50	3.50	3.60	3.20	3.30
1985	3.10	3.00	2.60	2.50	2.65	3.00	3.10	3.00	3.05	3.05	2.90	2.75	3.00
1986	2.50	2.50	2.40	2.35	2.50	2.65	2.70	2.75	2.55	2.50	2.40	2.75	2.50
1987	2.60	2.40	2.40	2.55	2.70	2.70	2.80	2.95	3.00	3.00	3.00	3.15	2.60
1988	3.40	3.35	3.40	3.60	3.45	3.60	3.70	3.65	3.65				3.47[2]

[1] Marketing year is June 1 of the current year through May 31 of the following year.

[2] Preliminary based on the first nine months of the marketing year.

WHEAT: Acreage, Yield, and Production—By Counties for 1983, 1984, and 1985

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Dyer	68,500	55,500	26,000	54,500	47,500	22,000	35	40	30	1,915,000	1,915,000	670,000
Lake	27,800	15,000	8,000	23,000	13,000	6,000	38	42	32	878,000	547,000	190,000
Lauderdale	46,500	33,000	12,000	36,600	26,500	9,000	37	40	26	1,360,000	1,065,000	230,000
Obion	58,500	54,000	19,000	50,500	47,000	16,000	34	43	30	1,724,000	2,035,000	480,000
Shelby	19,000	18,000	8,000	15,900	14,000	6,500	35	42	25	559,000	589,000	160,000
Tipton	43,700	19,000	7,000	30,500	16,000	5,500	38	40	25	1,164,000	640,000	140,000
District 1	264,000	194,500	80,000	211,000	164,000	65,000	36	41	29	7,600,000	6,791,000	1,870,000
Benton	1,500	3,500	1,300	1,100	3,000	800	27	35	35	29,300	106,300	28,000
Carroll	14,300	15,500	7,500	11,100	13,000	6,000	33	39	33	365,000	508,000	200,000
Chester	12,100	10,500	3,000	9,600	9,000	2,400	27	32	33	258,000	290,000	80,000
Crockett	17,900	10,000	3,000	12,600	8,700	2,500	32	44	32	402,000	383,000	80,000
Decatur	5,100	3,900	1,400	2,900	2,800	1,000	32	38	31	91,500	107,000	31,000
Fayette	24,000	15,500	8,000	18,100	13,000	6,000	34	40	28	613,000	522,000	170,000
Gibson	46,000	34,500	15,000	34,200	28,500	12,000	35	42	31	1,190,000	1,205,000	370,000
Hardeman	10,400	6,000	4,000	7,500	5,000	3,000	34	37	27	254,000	185,000	80,000
Hardin	11,400	4,400	2,500	6,600	2,400	1,300	28	32	31	182,000	76,800	40,000
Haywood	19,500	14,000	4,000	15,600	12,100	3,000	34	44	33	528,000	534,000	100,000
Henderson	8,500	6,900	2,500	6,000	6,000	1,900	33	36	37	197,000	216,000	70,000
Henry	18,600	18,300	7,000	14,600	16,000	6,000	29	45	32	422,000	722,000	190,000
McNairy	9,000	5,700	4,000	6,000	5,000	3,200	32	32	31	192,000	160,000	100,000
Madison	10,600	9,100	3,000	8,500	7,700	2,500	36	38	36	305,000	294,000	90,000
Weakley	44,100	43,000	14,000	34,200	37,000	11,500	34	40	32	1,160,000	1,490,000	370,000
District 2	253,000	200,800	80,200	188,600	169,200	63,100	33	40	32	6,188,800	6,798,800	1,999,000
Cheatham	2,700	1,900	800	1,900	1,400	600	28	41	34	52,500	57,400	20,500
Dickson	3,200	1,700	900	2,600	1,500	600	30	34	32	77,000	51,000	19,000
Hickman	3,800	5,000	1,700	2,200	3,000	1,200	28	35	29	61,000	105,000	35,000
Houston	700	500	[1]	400	300	[1]	28	37	[1]	11,000	11,200	[1]
Humphreys	900	700	[1]	600	600	[1]	28	31	[1]	16,600	18,500	[1]
Lawrence	13,200	10,000	4,000	9,500	5,500	2,400	30	39	33	281,000	215,000	80,000
Lewis	800	600	[1]	500	500	[1]	28	33	[1]	13,800	16,500	[1]
Montgomery	18,700	11,000	5,000	13,300	8,500	4,000	30	42	36	393,000	358,000	145,000
Perry	1,500	900	600	1,000	700	400	28	30	30	27,600	21,000	12,000
Robertson	35,300	32,100	17,000	26,100	28,000	13,900	30	42	35	771,000	1,185,000	480,000
Stewart	500	500	[1]	300	400	[1]	26	35	[1]	7,700	14,000	[1]
Wayne	5,300	7,500	3,500	4,000	6,400	2,900	27	41	34	106,000	263,000	100,000
Other Counties[1]	—	—	1,300	—	—	900	—	—	33	—	—	29,500
District 3	86,600	72,400	34,800	62,400	56,800	26,900	29	41	34	1,818,200	2,315,600	921,000

[1] Less than 500 acres planted for all purposes, combined with other counties

WHEAT: Acreage, Yield, and Production—By Counties for 1983, 1984, and 1985

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Bedford	10,600	8,600	4,700	7,000	6,500	3,300	30	39	33	210,000	255,000	108,900
Cannon	2,900	1,700	1,000	1,700	1,500	700	31	38	31	53,000	57,000	22,000
Clay	2,400	1,500	1,000	1,500	1,200	800	29	32	31	43,600	38,400	25,000
Davidson	1,100	800	500	800	700	400	22	31	30	17,600	21,500	12,000
DeKalb	2,500	1,800	1,500	1,700	1,500	1,000	31	35	32	53,000	52,500	32,000
Giles	8,200	6,700	4,500	5,600	5,000	3,200	28	35	30	157,000	176,000	96,000
Lincoln	10,400	18,500	12,000	6,400	11,200	6,800	31	33	35	199,000	372,000	240,000
Macon	5,000	3,600	2,300	3,800	2,700	1,500	30	40	35	114,000	108,000	53,000
Marshall	6,700	10,700	7,500	3,200	6,300	4,100	24	37	33	77,000	234,000	134,000
Maury	13,400	7,400	5,000	6,900	6,000	4,000	27	33	29	186,000	198,000	115,000
Rutherford	11,000	9,800	7,100	6,600	8,500	5,900	30	41	32	198,000	350,000	187,000
Smith	800	[1]	[1]	400	[1]	[1]	31	[1]	[1]	12,400	[1]	[1]
Sumner	9,200	6,600	4,500	6,800	5,900	3,800	27	40	32	184,000	236,000	120,000
Trousdale	1,600	1,100	500	1,200	1,000	350	25	34	29	30,200	34,000	10,000
Williamson	14,800	12,000	7,500	10,200	7,600	4,500	31	36	29	317,000	275,000	130,000
Wilson	4,900	6,000	4,500	3,100	4,300	3,000	30	38	29	93,500	164,000	86,000
Other Counties[1]	1,100	1,400	900	600	1,100	650	26	36	31	15,700	39,500	20,000
District 4	106,600	98,200	65,000	67,500	71,000	44,000	29	37	32	1,961,000	2,610,900	1,390,000
Bledsoe	5,100	3,700	2,500	3,900	3,000	2,200	28	40	34	109,000	120,000	75,000
Coffee	11,600	12,400	7,500	7,700	7,800	5,000	31	36	34	239,000	282,000	170,000
Cumberland	1,000	1,300	1,500	700	1,000	900	28	38	36	19,600	38,200	32,000
Fentress	[1]	[1]	600	[1]	[1]	300	[1]	[1]	33	[1]	[1]	10,000
Franklin	19,100	21,000	18,000	15,200	19,000	16,300	34	43	37	517,000	825,000	600,000
Grundy	1,000	1,000	700	700	900	600	30	38	37	21,100	34,400	22,000
Marion	1,800	2,100	1,500	1,500	1,900	1,300	28	34	31	42,100	64,600	40,000
Overton	1,000	700	600	700	600	400	36	36	35	25,200	21,600	14,000
Putnam	700	800	600	500	400	300	29	38	32	14,500	15,200	9,500
Sequatchie	900	1,000	1,000	700	800	700	31	40	33	21,800	32,100	23,000
Van Buren	600	500	[1]	400	400	[1]	30	38	[1]	12,000	15,200	[1]
Warren	13,000	11,500	7,100	9,100	9,500	4,000	32	36	33	292,000	344,000	133,000
White	3,600	3,200	2,500	2,400	2,800	1,500	34	41	36	82,100	115,000	54,000
Other Counties[1]	1,000	1,400	900	700	900	500	28	34	35	19,600	30,800	17,500
District 5	60,400	60,600	45,000	44,200	49,000	34,000	32	40	35	1,415,000	1,938,100	1,200,000
Blount	5,500	4,600	3,500	3,300	3,500	2,000	33	41	38	108,000	144,000	75,000
Bradley	2,700	2,600	2,500	1,100	1,000	800	33	40	38	36,100	40,000	30,000
Claiborne	500	[1]	[1]	300	[1]	[1]	31	[1]	[1]	9,300	[1]	[1]
Cocke	600	[1]	[1]	500	[1]	[1]	34	[1]	[1]	16,900	[1]	[1]
Grainger	600	[1]	[1]	300	[1]	[1]	29	[1]	[1]	8,700	[1]	[1]
Greene	2,900	2,300	1,900	1,500	1,600	700	30	34	39	44,700	54,700	27,000
Hamblen	1,500	1,100	900	800	800	500	29	40	38	23,100	32,000	19,000
Hamilton	1,500	1,200	900	800	800	600	30	34	35	23,800	27,200	21,000
Hawkins	1,400	800	600	800	500	400	24	39	40	19,100	19,500	16,000
Jefferson	2,800	2,500	2,000	1,900	2,000	1,300	34	40	38	64,000	80,000	49,000
Knox	1,200	900	900	400	400	400	34	44	38	13,500	17,600	15,000
Loudon	2,700	2,100	1,700	1,600	1,400	1,100	34	43	38	54,000	60,500	42,000
McMinn	4,200	5,800	5,000	1,600	2,600	1,900	32	36	35	51,000	94,400	67,000
Meigs	2,300	2,900	2,500	900	1,000	1,200	34	45	37	30,400	45,000	44,000
Monroe	7,900	7,000	4,900	5,000	4,500	2,600	32	36	35	159,000	163,000	90,000
Polk	2,500	3,000	2,300	1,200	1,300	900	27	30	31	32,200	38,900	28,000
Rhea	2,700	2,900	2,200	1,100	1,200	900	26	33	36	28,400	39,700	32,000
Sevier	1,300	900	700	800	600	500	32	42	42	25,500	25,100	21,000
Washington	3,200	600	500	1,800	500	250	29	34	35	52,000	17,000	8,700
Other Counties[1]	1,400	2,300	2,000	600	1,300	950	29	36	37	17,300	47,000	35,300
District 6	49,400	43,500	35,000	26,300	25,000	17,000	31	38	36	817,000	945,600	620,000
State	820,000	670,000	340,000	600,000	535,000	250,000	33	40	32	19,800,000	21,400,000	8,000,000

[1] Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1986, 1987, and Preliminary 1988

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres						Bushels					
Dyer	35,000	35,000	[illegible]	32,500	34,000	[illegible]	37	46	[illegible]	1,200,000	1,550,000	[illegible]
Lake	11,000	16,000	[illegible]	10,000	15,400	[illegible]	41	47	[illegible]	410,000	730,000	[illegible]
Lauderdale	14,000	22,000	[illegible]	12,000	21,200	[illegible]	36	42	[illegible]	430,000	900,000	[illegible]
Obion	27,000	38,000	[illegible]	25,000	37,000	[illegible]	36	50	[illegible]	900,000	1,850,000	[illegible]
Shelby	9,000	9,000	[illegible]	8,000	8,600	[illegible]	41	41	[illegible]	325,000	350,000	[illegible]
Tipton	9,000	10,000	[illegible]	8,500	9,800	[illegible]	38	43	[illegible]	325,000	420,000	[illegible]
District 1	105,000	130,000	[illegible]	96,000	126,000	[illegible]	37	46	[illegible]	3,590,000	5,800,000	[illegible]
Benton	1,500	1,700	[illegible]	1,300	1,400	[illegible]	31	36	[illegible]	40,000	50,000	[illegible]
Carroll	7,500	5,900	[illegible]	6,600	5,600	[illegible]	35	44	[illegible]	230,000	245,000	[illegible]
Chester	3,300	2,700	[illegible]	2,700	2,400	[illegible]	30	38	[illegible]	80,000	90,000	[illegible]
Crockett	3,000	3,100	[illegible]	2,800	2,800	[illegible]	38	46	[illegible]	105,000	130,000	[illegible]
Decatur	1,600	1,500	[illegible]	1,300	1,200	[illegible]	27	33	[illegible]	35,000	40,000	[illegible]
Fayette	9,100	7,500	[illegible]	7,200	5,900	[illegible]	37	36	[illegible]	265,000	215,000	[illegible]
Gibson	25,500	16,700	[illegible]	21,300	15,300	[illegible]	38	44	[illegible]	800,000	680,000	[illegible]
Hardeman	4,600	3,500	[illegible]	3,500	2,800	[illegible]	27	38	[illegible]	95,000	105,000	[illegible]
Hardin	3,500	3,400	[illegible]	2,900	2,900	[illegible]	31	36	[illegible]	90,000	105,000	[illegible]
Haywood	5,000	6,000	[illegible]	4,300	5,700	[illegible]	37	43	[illegible]	160,000	245,000	[illegible]
Henderson	2,900	3,000	[illegible]	2,300	2,500	[illegible]	37	38	[illegible]	85,000	95,000	[illegible]
Henry	14,000	14,000	[illegible]	12,500	12,600	[illegible]	34	44	[illegible]	430,000	550,000	[illegible]
McNairy	5,000	4,000	[illegible]	4,300	3,700	[illegible]	34	36	[illegible]	145,000	135,000	[illegible]
Madison	3,500	4,000	[illegible]	3,000	3,500	[illegible]	40	46	[illegible]	120,000	160,000	[illegible]
Weakley	25,000	25,000	[illegible]	23,000	24,700	[illegible]	36	49	[illegible]	820,000	1,205,000	[illegible]
District 2	115,000	102,000	[illegible]	99,000	93,000	[illegible]	35	44	[illegible]	3,500,000	4,050,000	[illegible]
Cheatham	1,000	950	[illegible]	800	800	[illegible]	32	38	[illegible]	25,500	30,000	[illegible]
Dickson	1,100	1,000	[illegible]	800	800	[illegible]	29	36	[illegible]	23,500	29,000	[illegible]
Hickman	2,200	2,100	[illegible]	1,500	1,600	[illegible]	30	36	[illegible]	44,500	58,000	[illegible]
Houston	[1]	[1]	[illegible]	[1]	[1]	[illegible]	[1]	[1]	[illegible]	[1]	[1]	[illegible]
Humphreys	500	500	[illegible]	400	400	[illegible]	28	33	[illegible]	11,000	13,000	[illegible]
Lawrence	6,400	5,500	[illegible]	3,700	3,200	[illegible]	22	36	[illegible]	80,000	116,000	[illegible]
Lewis	[1]	[1]	[illegible]	[1]	[1]	[illegible]	[1]	[1]	[illegible]	[1]	[1]	[illegible]
Montgomery	9,500	11,400	[illegible]	7,000	9,600	[illegible]	29	47	[illegible]	200,000	450,000	[illegible]
Perry	800	650	[illegible]	500	500	[illegible]	24	32	[illegible]	12,000	16,000	[illegible]
Robertson	23,000	26,500	[illegible]	19,000	21,500	[illegible]	34	42	[illegible]	640,000	910,000	[illegible]
Stewart	500	500	[illegible]	300	400	[illegible]	32	35	[illegible]	9,500	14,000	[illegible]
Wayne	4,200	3,200	[illegible]	3,600	2,700	[illegible]	26	36	[illegible]	95,000	98,000	[illegible]
Other Counties[1]	800	700	[illegible]	400	500	[illegible]	23	32	[illegible]	9,000	16,000	[illegible]
District 3	50,000	53,000	[illegible]	38,000	42,000	[illegible]	30	42	[illegible]	1,150,000	1,750,000	[illegible]

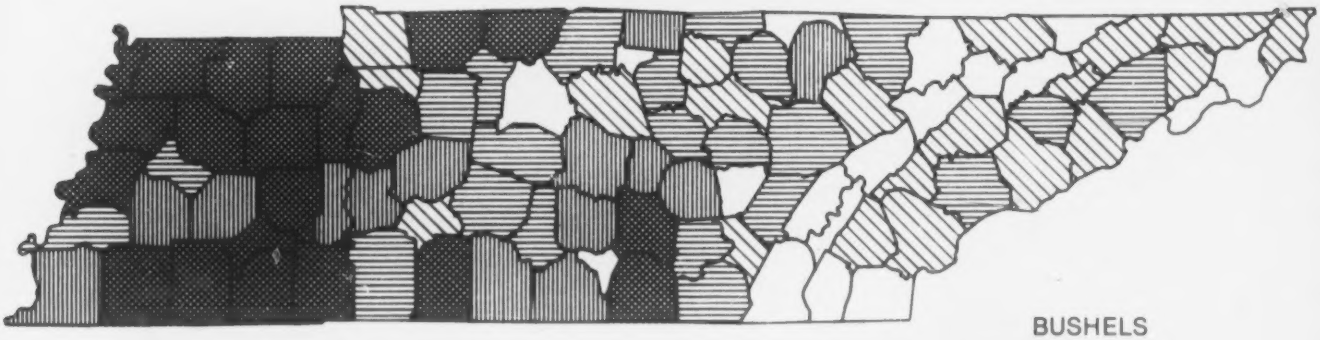
[1] Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1986, 1987, and Preliminary 1988

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres						Bushels					
Bedford	6,500	8,500	[redacted]	4,000	5,300	[redacted]	26	37	[redacted]	105,000	195,000	[redacted]
Cannon	1,300	1,900	[redacted]	800	800	[redacted]	26	33	[redacted]	21,000	26,000	[redacted]
Clay	1,100	900	[redacted]	600	500	[redacted]	28	30	[redacted]	17,000	15,000	[redacted]
Davidson	500	[1]	[redacted]	400	[1]	[redacted]	25	[1]	[redacted]	10,000	[1]	[redacted]
DeKalb	1,700	2,000	[redacted]	1,100	1,400	[redacted]	24	29	[redacted]	26,000	40,000	[redacted]
Giles	4,500	4,700	[redacted]	2,200	2,100	[redacted]	24	28	[redacted]	52,000	59,000	[redacted]
Lincoln	14,400	14,500	[redacted]	8,000	8,100	[redacted]	26	28	[redacted]	210,000	230,000	[redacted]
Macon	2,800	2,700	[redacted]	1,700	1,700	[redacted]	26	33	[redacted]	45,000	56,000	[redacted]
Marshall	8,500	7,200	[redacted]	4,200	3,200	[redacted]	23	29	[redacted]	95,000	92,000	[redacted]
Maury	6,000	6,100	[redacted]	3,600	3,500	[redacted]	23	26	[redacted]	83,000	91,000	[redacted]
Moore	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]
Rutherford	9,100	9,700	[redacted]	6,000	6,200	[redacted]	27	34	[redacted]	160,000	210,000	[redacted]
Smith	500	[1]	[redacted]	350	[1]	[redacted]	27	[1]	[redacted]	9,500	[1]	[redacted]
Sumner	4,700	4,400	[redacted]	3,800	3,400	[redacted]	28	31	[redacted]	105,000	105,000	[redacted]
Trousdale	600	500	[redacted]	350	300	[redacted]	26	30	[redacted]	9,000	9,000	[redacted]
Williamson	7,500	7,300	[redacted]	4,200	3,900	[redacted]	25	31	[redacted]	105,000	120,000	[redacted]
Wilson	4,500	4,000	[redacted]	3,200	2,600	[redacted]	23	27	[redacted]	75,000	70,000	[redacted]
Other Counties[1]	800	1,600	[redacted]	500	1,000	[redacted]	25	32	[redacted]	12,500	32,000	[redacted]
District 4	75,000	76,000	[redacted]	45,000	44,000	[redacted]	25	31	[redacted]	1,140,000	1,350,000	[redacted]
Bledsoe	2,700	3,000	[redacted]	1,900	1,800	[redacted]	32	38	[redacted]	60,000	69,000	[redacted]
Coffee	8,500	6,500	[redacted]	4,100	4,500	[redacted]	28	32	[redacted]	115,000	142,000	[redacted]
Cumberland	1,500	900	[redacted]	900	450	[redacted]	28	29	[redacted]	25,000	13,000	[redacted]
Fentress	600	500	[redacted]	450	300	[redacted]	27	33	[redacted]	12,200	10,000	[redacted]
Franklin	21,500	18,000	[redacted]	18,000	14,800	[redacted]	30	32	[redacted]	545,000	480,000	[redacted]
Grundy	800	1,000	[redacted]	600	700	[redacted]	37	36	[redacted]	22,000	25,000	[redacted]
Marion	1,500	1,200	[redacted]	1,100	900	[redacted]	29	32	[redacted]	32,000	29,000	[redacted]
Morgan	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]
Overton	600	800	[redacted]	300	500	[redacted]	26	28	[redacted]	7,800	14,000	[redacted]
Putnam	700	600	[redacted]	500	400	[redacted]	30	28	[redacted]	15,000	11,000	[redacted]
Sequatchie	1,100	1,200	[redacted]	450	600	[redacted]	27	28	[redacted]	12,000	17,000	[redacted]
Van Buren	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]
Warren	6,600	6,500	[redacted]	3,300	4,000	[redacted]	28	33	[redacted]	93,000	132,000	[redacted]
White	2,700	2,200	[redacted]	1,200	1,100	[redacted]	25	27	[redacted]	30,000	30,000	[redacted]
Other Counties[1]	1,200	1,600	[redacted]	700	950	[redacted]	30	29	[redacted]	21,000	28,000	[redacted]
District 5	50,000	44,000	[redacted]	33,500	31,000	[redacted]	30	32	[redacted]	990,000	1,000,000	[redacted]
Blount	3,300	3,100	[redacted]	1,600	1,500	[redacted]	31	30	[redacted]	49,000	45,000	[redacted]
Bradley	2,400	2,700	[redacted]	700	800	[redacted]	26	30	[redacted]	18,000	24,000	[redacted]
Greene	1,900	2,000	[redacted]	500	600	[redacted]	28	27	[redacted]	14,000	16,000	[redacted]
Hamblen	1,000	1,300	[redacted]	450	600	[redacted]	31	33	[redacted]	14,000	20,000	[redacted]
Hamilton	900	900	[redacted]	450	450	[redacted]	22	32	[redacted]	10,000	14,400	[redacted]
Hawkins	600	500	[redacted]	300	240	[redacted]	22	27	[redacted]	6,500	6,500	[redacted]
Jefferson	1,800	1,600	[redacted]	850	700	[redacted]	26	27	[redacted]	22,000	19,000	[redacted]
Knox	1,000	1,000	[redacted]	350	350	[redacted]	29	31	[redacted]	10,000	11,000	[redacted]
Loudon	1,800	2,000	[redacted]	900	900	[redacted]	30	31	[redacted]	27,000	28,000	[redacted]
McMinn	4,900	4,800	[redacted]	1,400	1,500	[redacted]	26	27	[redacted]	36,000	40,000	[redacted]
Meigs	2,600	2,600	[redacted]	1,000	1,200	[redacted]	26	27	[redacted]	26,000	32,000	[redacted]
Monroe	5,100	5,000	[redacted]	2,100	1,900	[redacted]	23	27	[redacted]	48,000	51,000	[redacted]
Polk	2,500	2,100	[redacted]	900	1,000	[redacted]	23	30	[redacted]	21,000	30,000	[redacted]
Rhea	2,100	2,300	[redacted]	700	800	[redacted]	29	29	[redacted]	20,000	23,000	[redacted]
Sevier	600	600	[redacted]	300	325	[redacted]	27	26	[redacted]	8,000	8,500	[redacted]
Sullivan	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]
Washington	500	500	[redacted]	150	200	[redacted]	24	28	[redacted]	3,600	5,500	[redacted]
Other Counties[1]	2,000	2,000	[redacted]	850	935	[redacted]	26	28	[redacted]	21,900	26,100	[redacted]
District 6	35,000	35,000	[redacted]	13,500	14,000	[redacted]	26	29	[redacted]	355,000	400,000	[redacted]
State	430,000	440,000	[redacted]	325,000	350,000	[redacted]	33	41	[redacted]	10,725,000	14,350,000	[redacted]

[1] Less than 500 acres planted for all purposes, combined with other counties.

CORN



BUSHELS

▩ 500,000 AND OVER

▥ 200,000-499,999

▤ 100,000-199,999

▨ 50,000-99,999

☐ UNDER 50,000

TOP FIVE COUNTIES

1. OBION	5,830,000
2. WEAKLEY	4,500,000
3. GIBSON	2,935,000
4. DYER	1,870,000
5. HENRY	1,650,000

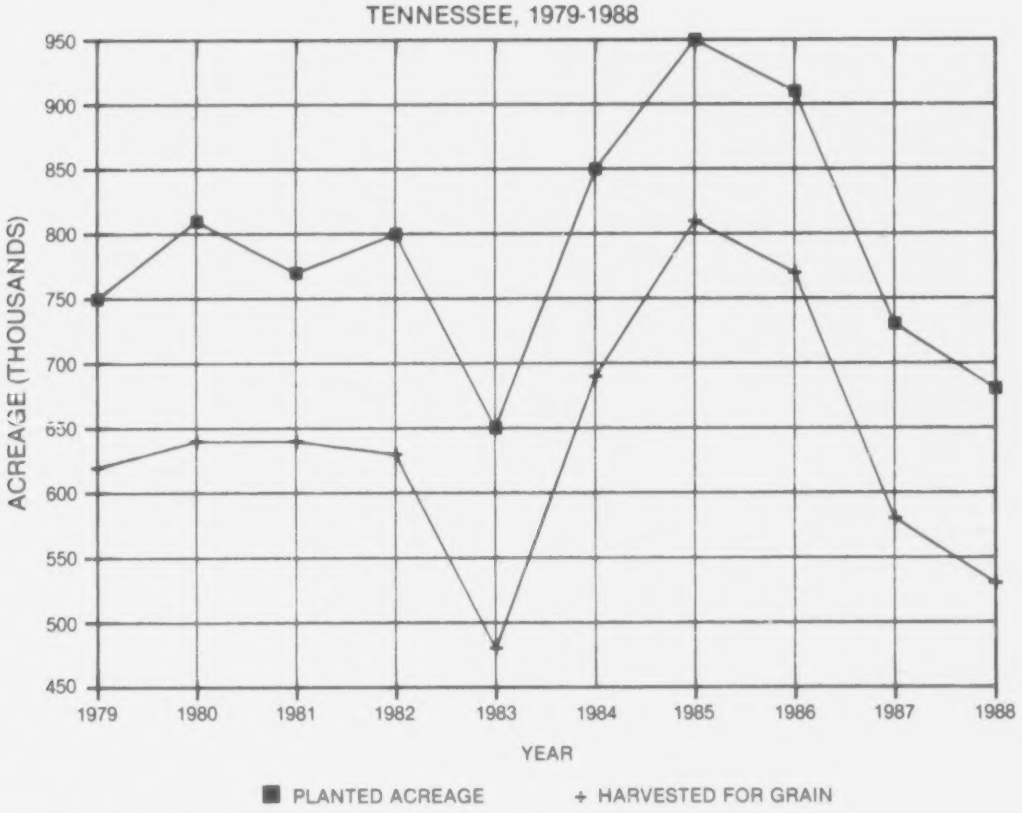
Dry, hot weather caught the corn crop in the critical pollination stage during June and reduced its yield potential substantially. A greater-than-normal grain acreage was plowed up or abandoned by producers who could not cut it for forage or silage. With this acreage out of the picture, producers concentrated on managing the late planted corn which responded remarkably well to ample July rainfall. When all the corn was in the bin, it was evident that even the early planted corn yielded better than expected. This year was one of the most unusual in history. Not only was the state average of 73 bushels per acre a surprise, but this was the only year in memory where late planted corn out-yielded early corn. The 73 bushels compares with normal drought year yields of 40 to 50 bushels, and good years of 90 plus bushels. The 1987 yield was 91 bushels per acre. Corn production in 1988, from a reduced acreage of 530,000, totaled 38.7 million, down 27 percent from 1987. Silage acreage declined to 125,000 from the 140,000 harvested the previous year. Silage yields were the lowest since 1959.

The corn for grain crop was valued at $106.4 million, up 3.5 million dollars from 1987. Corn prices averaged $2.75 per bushel, up 80 cents from 1987.

CORN: ACREAGE, YIELD, PRODUCTION, AND VALUE TENNESSEE, 1979-88

Crop Year	Planted For All Purposes	Acres Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value of Grain Production	Acreage Harvested For Silage	Yield Per Acre	Silage Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1979	750	620	85.0	52,700	2.85	150,195	116	16.5	1,914
1980	810	640	46.0	29,440	3.50	103,040	150	11.5	1,725
1981	770	640	84.0	53,760	2.70	145,152	118	16.5	1,947
1982	800	630	90.0	56,700	2.65	150,255	150	16.5	2,475
1983	650	480	48.0	23,040	3.65	84,096	145	12.5	1,813
1984	850	690	95.0	65,550	2.90	190,095	135	17.0	2,295
1985	950	810	98.0	79,380	2.30	182,574	125	16.0	2,000
1986	910	770	74.0	56,980	1.65	94,017	130	12.0	1,560
1987	730	580	91.0	52,780	1.95	102,921	140	13.0	1,820
1988	680	530	73.0	38,690	2.75	106,398	125	10.0	1,250

CORN: PLANTED & HARVESTED FOR GRAIN



CORN: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1979-88

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average[1]
						DOLLARS PER BUSHEL							
1979	2.85	2.85	2.70	2.85	2.80	2.85	2.90	2.70	2.75	2.75	2.85	3.05	2.85
1980	3.40	3.45	3.60	3.60	3.70	3.70	3.60	3.65	3.60	3.60	3.40	3.20	3.50
1981	2.90	2.70	2.50	2.60	2.80	2.70	2.60	2.75	2.70	2.80	2.70	2.50	2.70
1982	2.45	2.20	2.50	2.60	2.60	2.80	2.85	3.20	3.20	3.30	3.50	3.90	2.65
1983	3.60	3.10	3.75	3.35	3.55	3.50	3.70	3.75	3.70	3.70	3.75	3.50	3.65
1984	3.30	2.90	2.80	2.75	2.75	2.90	2.90	2.95	2.85	2.85	2.80	2.50	2.90
1985	2.20	2.15	2.40	2.50	2.50	2.45	2.45	2.40	2.06	2.60	2.10	1.75	2.30
1986	1.55	1.55	1.70	1.70	1.60	1.55	1.60	1.70	1.85	1.85	1.75	1.60	1.65
1987	1.60	1.70	1.85	1.95	2.05	2.05	2.05	2.10	2.15	2.65	3.00	2.85	1.95
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.75	2.75	[illegible]						2.75[2]

[1] Marketing year is September 1 of the current year through August 31 of the following year.
[2] Preliminary based on the first seven months of the marketing year.

CORN: Acreage, Yield, and Production—By Counties for 1983, 1984, and 1985

District and County	Planted for All Purposes 1983	1984	1985	Harvested For Grain 1983	1984	1985	Yield Per Harv. Acre 1983	1984	1985	Production for Grain 1983	1984	1985
				Acres						Bushels		
Dyer	12,300	17,000	19,000	11,300	15,500	18,000	53	100	110	596,000	1,555,000	1,980,000
Lake	800	1,100	5,000	700	1,000	4,800	94	150	140	65,500	150,000	670,000
Lauderdale	1,900	3,000	5,500	1,600	2,600	4,900	64	116	122	103,000	301,000	600,000
Obion	28,300	41,000	55,000	25,100	39,700	53,000	62	113	121	1,560,000	4,495,000	6,415,000
Shelby	1,600	3,000	3,100	1,400	2,600	2,800	41	75	82	57,500	198,000	230,000
Tipton	1,100	1,900	2,400	400	600	1,500	38	85	90	15,000	51,000	135,000
District 1	46,000	67,000	90,000	40,500	62,000	85,000	59	109	118	2,397,000	6,750,000	10,030,000
Benton	6,800	11,000	12,600	5,300	10,000	11,500	33	95	98	174,000	952,000	1,130,000
Carroll	19,100	26,800	29,000	17,900	25,000	27,500	41	97	105	726,000	2,425,000	2,880,000
Chester	3,500	5,400	12,300	3,300	4,800	11,700	42	79	81	140,000	380,000	950,000
Crockett	1,300	1,900	2,000	1,100	1,700	1,800	38	82	94	42,000	139,000	170,000
Decatur	4,800	6,400	8,000	4,100	6,100	7,500	36	90	95	147,000	551,000	710,000
Fayette	7,700	11,000	11,200	6,400	9,100	9,500	46	62	79	296,000	563,000	750,000
Gibson	33,800	47,600	49,000	28,800	44,900	48,000	45	96	106	1,285,000	4,305,000	5,070,000
Hardeman	5,000	9,300	9,500	4,300	7,400	8,500	43	82	82	183,000	605,000	700,000
Hardin	6,900	8,000	12,000	5,600	6,600	10,500	42	86	92	237,000	569,000	970,000
Haywood	5,700	8,700	9,000	4,900	7,000	8,000	38	74	90	185,000	520,000	720,000
Henderson	15,300	22,000	24,000	13,200	20,700	22,500	54	100	102	712,000	2,070,000	2,290,000
Henry	36,300	44,900	51,000	27,300	40,400	48,000	38	109	109	1,030,000	4,405,000	5,210,000
McNairy	6,700	9,400	10,000	6,100	8,500	9,500	57	94	98	346,000	799,000	930,000
Madison	7,500	8,700	9,000	5,400	7,500	8,000	42	89	106	229,000	669,000	850,000
Weakley	31,100	40,300	54,000	28,300	39,000	52,000	37	109	107	1,040,000	4,260,000	5,550,000
District 2	191,500	261,400	302,600	162,000	238,700	284,500	42	97	192	6,772,000	23,212,000	28,880,000
Cheatham	3,000	3,600	4,700	2,500	3,400	4,300	42	84	84	106,000	286,000	350,000
Dickson	4,200	5,000	5,700	3,100	4,200	5,000	38	85	94	117,000	358,000	470,000
Hickman	4,200	5,800	8,000	3,400	5,300	7,500	43	81	91	147,000	430,000	680,000
Houston	1,400	1,800	2,200	1,100	1,700	2,100	38	91	90	41,300	155,000	190,000
Humphreys	6,300	10,300	11,000	4,600	9,600	10,500	39	101	105	181,000	968,000	1,100,000
Lawrence	21,300	25,800	31,000	14,600	20,300	27,000	48	78	88	706,000	1,585,000	2,370,000
Lewis	1,100	2,600	3,000	900	2,500	2,900	37	86	83	33,700	215,000	240,000
Montgomery	10,500	12,000	17,000	7,500	10,200	15,500	42	106	116	317,000	1,080,000	1,800,000
Perry	4,200	7,100	7,300	3,800	6,800	7,100	42	83	90	160,000	566,000	640,000
Robertson	20,000	23,400	28,000	15,000	21,000	24,600	49	111	102	733,000	2,335,000	2,500,000
Stewart	3,000	2,700	3,000	2,600	2,500	2,800	38	82	89	98,000	205,000	250,000
Wayne	4,300	6,000	6,500	3,900	5,800	6,200	44	80	97	172,000	465,000	600,000
District 3	83,500	106,000	127,400	63,000	93,300	115,500	45	93	97	2,812,000	8,648,000	11,190,000

CORN: Acreage, Yield, and Production—By Counties for 1983, 1984, and 1985

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
	Acres						Bushels					
Bedford	11,200	13,500	14,000	6,200	8,400	9,500	47	97	87	293,000	815,000	830,000
Cannon	8,100	9,400	11,500	6,600	8,400	10,000	37	97	89	246,000	816,000	890,000
Clay	3,400	5,000	5,500	2,800	4,500	5,000	42	80	90	118,000	361,000	450,000
Davidson	1,400	1,700	2,000	1,200	1,600	1,800	42	96	83	50,500	154,000	150,000
DeKalb	3,000	4,900	6,400	2,800	4,500	6,000	36	90	90	100,000	404,000	540,000
Giles	12,100	17,500	21,000	9,200	15,000	19,500	47	86	97	435,000	1,290,000	1,900,000
Jackson	2,100	2,800	3,500	1,900	2,500	3,200	42	82	75	80,000	205,000	240,000
Lincoln	12,000	12,500	15,000	8,400	9,100	13,500	50	89	89	418,000	811,000	1,200,000
Macon	6,500	8,900	10,000	5,300	7,600	8,500	42	84	86	224,000	640,000	730,000
Marshall	9,200	12,000	13,000	4,600	7,500	8,500	47	77	86	216,000	579,000	730,000
Maury	5,800	10,400	11,000	2,900	5,300	5,800	55	92	90	160,000	487,000	520,000
Moore	1,000	1,800	2,000	800	1,500	1,600	42	87	88	33,500	131,000	140,000
Rutherford	9,100	12,500	19,000	5,900	10,500	16,500	37	101	79	221,000	1,060,000	1,300,000
Smith	4,600	5,900	6,000	4,000	5,100	5,400	45	84	91	180,000	430,000	490,000
Sumner	11,400	14,000	13,000	10,300	12,300	11,500	43	82	76	445,000	1,010,000	870,000
Trousdale	1,400	1,700	1,600	1,300	1,600	1,400	43	95	89	56,000	152,000	125,000
Williamson	6,600	7,500	8,500	3,600	4,600	6,800	33	96	86	118,000	440,000	585,000
Wilson	6,100	6,500	7,000	3,200	5,000	5,500	33	85	80	106,000	425,000	440,000
District 4	115,000	148,500	170,000	81,000	115,000	140,000	43	89	87	3,500,000	10,210,000	12,130,000
Bledsoe	4,300	7,900	6,200	4,100	6,500	5,400	66	92	92	272,000	597,000	495,000
Coffee	14,400	23,800	23,000	12,100	22,000	22,000	48	95	96	584,000	2,080,000	2,110,000
Cumberland	5,000	6,900	5,800	4,200	6,000	5,000	57	97	90	238,000	583,000	450,000
Fentress	6,500	10,400	11,000	6,000	8,400	10,000	52	99	90	312,000	833,000	900,000
Franklin	15,000	16,500	19,000	11,700	15,000	17,700	61	81	105	719,000	1,220,000	1,850,000
Grundy	2,900	4,100	3,800	2,300	3,500	3,200	62	72	103	142,000	252,000	330,000
Marion	2,900	4,200	4,500	2,600	3,800	4,200	71	101	102	184,000	383,000	430,000
Morgan	2,100	3,000	3,000	1,600	2,500	2,700	55	83	85	88,000	207,000	230,000
Overton	7,000	7,000	6,500	5,200	6,200	5,500	49	89	89	256,000	552,000	490,000
Pickett	1,600	1,700	1,600	1,500	1,500	1,400	52	90	96	78,000	135,000	135,000
Putnam	5,800	5,200	5,200	2,800	4,200	4,200	49	84	88	137,000	353,000	370,000
Scott	1,600	2,300	3,000	800	1,400	2,300	57	92	91	45,500	129,000	210,000
Sequatchie	2,100	2,200	2,200	1,600	1,800	1,900	57	101	89	91,500	182,000	170,000
Van Buren	1,400	2,100	1,700	1,200	1,800	1,400	57	87	93	68,000	156,000	130,000
Warren	16,700	21,200	23,000	11,500	16,800	19,600	43	96	93	500,000	1,615,000	1,820,000
White	10,700	12,000	10,500	7,800	7,600	8,500	71	96	98	553,000	733,000	830,000
District 5	100,000	130,500	130,000	77,000	109,000	115,000	55	92	95	4,268,000	10,010,000	10,950,000
Blount	7,200	7,800	7,500	4,000	5,500	5,500	56	95	102	223,000	524,000	560,000
Bradley	4,600	4,600	4,000	1,700	1,900	1,500	56	95	97	96,000	181,000	145,000
Campbell	1,000	1,300	1,000	800	900	700	71	111	114	56,500	100,000	80,000
Carter	1,000	900	900	800	700	700	75	91	86	60,000	63,900	60,000
Claiborne	3,100	4,100	3,500	1,900	2,200	1,800	55	95	92	106,000	209,000	165,000
Cocke	7,000	10,000	8,000	4,200	5,500	4,800	61	96	69	255,000	530,000	330,000
Grainger	2,700	2,900	3,000	1,500	1,600	1,500	56	96	100	83,500	154,000	150,000
Greene	14,000	18,900	20,000	5,400	7,000	9,000	66	95	96	354,000	667,000	866,000
Hamblen	3,400	3,600	3,500	1,700	2,000	2,000	56	94	100	96,000	188,000	200,000
Hamilton	2,200	2,200	1,800	1,200	1,200	800	56	97	94	67,500	116,000	75,000
Hancock	1,600	2,500	2,100	1,100	1,800	1,600	55	84	91	60,000	151,000	145,000
Hawkins	5,700	7,700	6,800	3,300	4,600	4,500	52	75	84	171,000	346,000	380,000
Jefferson	5,800	6,700	6,000	3,700	4,200	3,600	53	89	67	195,000	374,000	240,000
Johnson	3,000	3,000	2,500	1,100	1,200	1,400	94	113	107	103,000	136,000	150,000
Knox	2,500	3,300	3,200	1,400	2,100	2,000	61	94	80	85,000	197,000	160,000
Loudon	4,700	5,000	5,000	2,300	2,700	3,000	47	96	95	108,000	259,000	285,000
McMinn	7,500	9,000	10,000	2,100	3,900	4,100	55	90	85	115,000	351,000	350,000
Meigs	4,400	4,300	4,000	1,600	2,000	1,900	52	97	89	82,500	194,000	170,000
Monroe	5,200	5,400	5,500	1,900	2,500	2,600	52	89	87	98,000	223,000	225,000
Polk	2,600	3,500	3,100	1,300	2,100	1,700	66	101	97	85,500	212,000	165,000
Rhea	4,000	4,800	4,500	3,000	3,500	3,000	52	96	90	155,000	336,000	270,000
Roane	1,400	1,400	1,500	800	800	1,100	52	96	86	41,200	77,000	95,000
Sevier	4,100	4,900	4,000	3,100	3,900	3,100	56	101	74	174,000	394,000	230,000
Sullivan	5,200	6,000	6,600	2,200	2,500	3,000	75	81	83	165,000	203,000	250,000
Union	700	800	800	400	500	600	65	92	85	26,100	46,000	51,000
Washington	8,700	11,000	10,500	3,600	4,600	4,000	56	95	90	202,000	438,000	360,000
Other Counties[1]	700	900	700	400	600	500	68	84	86	27,200	50,100	43,000
District 6	114,000	136,500	130,000	56,500	72,000	70,000	58	93	89	3,291,000	6,720,000	6,200,000
State	650,000	850,000	950,000	480,000	690,000	810,000	48	95	98	23,040,000	65,550,000	79,380,000

[1] Less than 500 acres planted for all purposes, combined with other counties.

CORN: Acreage, Yield, and Production—By Counties for 1986, 1987, and Preliminary 1988

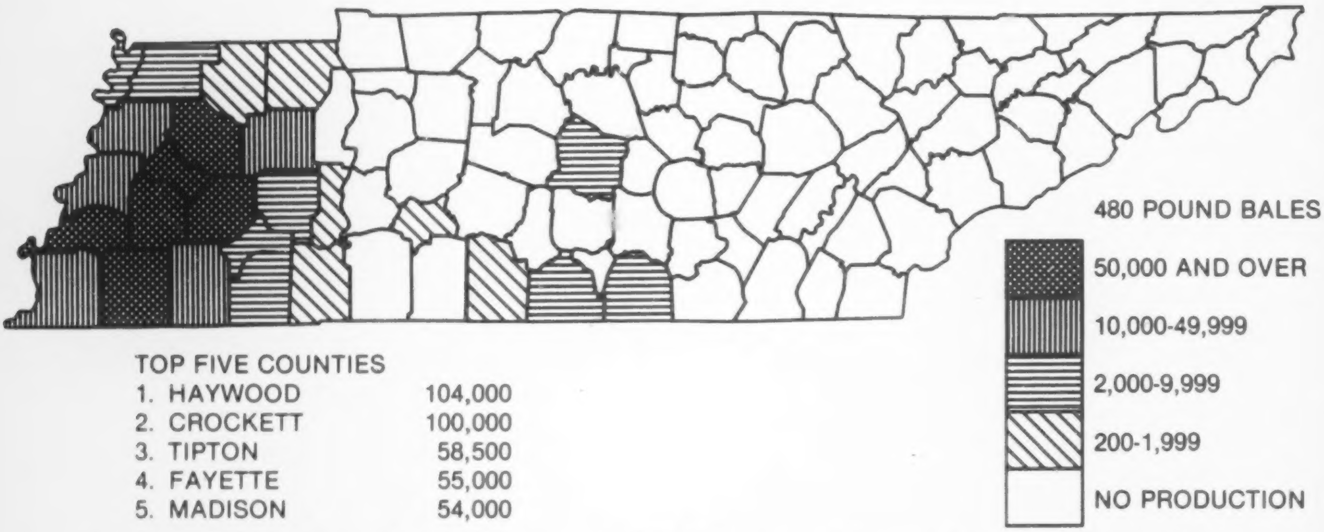
District and County	Planted for All Purposes			Harvestad For Grain			Yield Per Harv. Acre			Production for Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres						Bushels					
Dyer	20.000	18.600	18,500	19.600	17.600	17,300	92	119	[illegible]	1.795.000	2.100.000	[illegible]
Lake	5.600	8.500	10,300	5.500	8.300	10,000	110	129	[illegible]	605.000	1.070.000	1,230,000
Lauderdale	6.200	8.000	8,000	5.700	7.500	7,300	84	120	[illegible]	480.000	900.000	665,000
Obion	62.000	51.000	56,000	61.000	49.300	53,000	107	121	[illegible]	6.550.000	5.970.000	5,530,000
Shelby	3.500	3.400	3,200	3.100	3.000	2,700	71	97	[illegible]	220.000	290.000	210,000
Tipton	2.700	3.500	3,500	2.100	2.300	2,100	71	96	[illegible]	150.000	220.000	145,000
District 1	100.000	93.000	100,000	97.000	88.000	93,000	101	120	[illegible]	9.800.000	10.550.000	8,850,000
Benton	13.500	10.000	9,200	13.400	9.600	8,000	60	82	[illegible]	800.000	785.000	620,000
Carroll	30.000	23.000	20,000	29.500	22.000	18,300	75	102	[illegible]	2.200.000	2.240.000	1,330,000
Chester	12.000	9.000	8,000	11.300	8.300	7,300	67	86	[illegible]	760.000	710.000	560,000
Crockett	1.800	3.000	2,900	1.600	2.600	2,800	69	96	[illegible]	110.000	250.000	195,000
Decatur	8.500	6.000	5,500	8.400	5.700	5,000	74	82	[illegible]	620.000	470.000	360,000
Fayette	12.000	11.500	11,000	10.500	10.000	9,000	71	87	[illegible]	750.000	865.000	680,000
Gibson	54.000	38.000	36,000	53.000	36.000	33,000	80	104	[illegible]	4.220.000	3.730.000	1,935,000
Hardeman	9.700	9.600	8,700	8.400	8.300	7,000	74	86	[illegible]	620.000	710.000	550,000
Hardin	12.500	10.000	10,200	12.000	9.400	8,800	61	82	[illegible]	730.000	770.000	600,000
Haywood	10.000	8.400	8,000	9.700	8.000	7,300	78	90	[illegible]	760.000	720.000	420,000
Henderson	25.000	17.000	16,000	24.500	16.200	15,000	73	97	[illegible]	1.800.000	1.570.000	1,300,000
Henry	50.000	36.000	32,000	48.500	33.500	28,000	75	95	[illegible]	3.650.000	3.170.000	1,650,000
McNairy	10.000	10.500	11,100	9.700	10.000	10,300	82	102	[illegible]	800.000	1.020.000	910,000
Madison	10.000	8.000	7,400	9.500	7.400	6,500	77	91	[illegible]	730.000	670.000	470,000
Weakley	56.000	50.000	51,000	55.000	48.000	48,000	94	117	[illegible]	5.150.000	5.620.000	4,500,000
District 2	315.000	250.000	237,000	305.000	235.000	215,000	78	99	[illegible]	23.700.000	23.300.000	[illegible]
Cheatham	4.000	3.000	2,000	3.700	2.500	2,100	68	76	[illegible]	250.000	190.000	125,000
Dickson	5.300	3.500	3,100	4.500	2.800	2,300	58	75	[illegible]	260.000	210.000	120,000
Hickman	6.500	4.500	4,100	6.100	3.800	3,400	61	76	[illegible]	370.000	290.000	210,000
Houston	1.900	1.300	1,200	1.800	1.200	1,100	56	71	[illegible]	100.000	85.000	55,000
Humphreys	10.000	8.500	8,000	9.700	7.300	6,900	77	92	[illegible]	750.000	670.000	500,000
Lawrence	29.000	20.000	16,000	26.500	15.100	12,500	68	88	[illegible]	1.800.000	1.323.000	812,000
Lewis	2.500	1.800	1,500	2.300	1.600	1,300	54	69	[illegible]	125.000	110.000	80,000
Montgomery	16.500	11.400	11,000	14.400	9.600	9,200	74	86	[illegible]	1.060.000	825.000	500,000
Perry	7.200	5.500	4,500	7.100	4.900	4,000	77	78	[illegible]	550.000	380.000	280,000
Robertson	28.000	25.000	23,000	25.000	21.400	19,000	76	110	[illegible]	1.900.000	2.350.000	870,000
Stewart	2.700	2.000	1,800	2.600	1.800	1,600	67	73	[illegible]	175.000	132.000	83,000
Wayne	6.400	4.500	4,200	6.300	4.000	3,800	57	71	[illegible]	360.000	285.000	175,000
District 3	120.000	91.000	81,000	110.000	76.000	67,000	70	90	[illegible]	7.700.000	6.850.000	[illegible]

CORN: Acreage, Yield, and Production—By Counties for 1986, 1987, and Preliminary 1988

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres						Bushels					
Bedford	14,000	11,000	[redacted]	9,000	6,200	[redacted]	50	62	[redacted]	450,000	384,000	[redacted]
Cannon	9,500	8,000	[redacted]	8,000	6,200	[redacted]	63	60	[redacted]	500,000	370,000	[redacted]
Clay	4,500	3,300	[redacted]	4,100	2,700	[redacted]	54	63	[redacted]	220,000	170,000	[redacted]
Davidson	1,500	1,100	[redacted]	1,400	900	[redacted]	54	69	[redacted]	75,000	62,000	[redacted]
DeKalb	6,000	5,000	[redacted]	5,800	4,000	[redacted]	66	75	[redacted]	380,000	300,000	[redacted]
Giles	17,000	13,000	[redacted]	14,000	9,200	[redacted]	54	77	[redacted]	750,000	710,000	[redacted]
Jackson	2,800	2,000	[redacted]	2,600	1,700	[redacted]	62	71	[redacted]	160,000	120,000	[redacted]
Lincoln	13,000	11,000	[redacted]	10,000	7,400	[redacted]	77	68	[redacted]	770,000	500,000	[redacted]
Macon	7,000	5,000	[redacted]	6,400	4,000	[redacted]	59	90	[redacted]	380,000	360,000	[redacted]
Marshall	12,000	8,100	[redacted]	5,500	3,700	[redacted]	47	64	[redacted]	260,000	235,000	[redacted]
Maury	10,000	7,550	[redacted]	5,200	3,300	[redacted]	58	70	[redacted]	300,000	230,000	[redacted]
Moore	1,500	1,000	[redacted]	1,200	700	[redacted]	54	79	[redacted]	65,000	55,000	[redacted]
Rutherford	18,000	14,100	[redacted]	14,000	9,100	[redacted]	66	65	[redacted]	920,000	595,000	[redacted]
Smith	4,900	3,400	[redacted]	4,200	2,800	[redacted]	57	84	[redacted]	240,000	235,000	[redacted]
Sumner	9,500	6,900	[redacted]	8,600	5,600	[redacted]	44	84	[redacted]	380,000	470,000	[redacted]
Trousdale	1,300	900	[redacted]	1,200	700	[redacted]	50	77	[redacted]	60,000	54,000	[redacted]
Williamson	7,000	4,700	[redacted]	5,800	3,300	[redacted]	45	68	[redacted]	260,000	225,000	[redacted]
Wilson	5,500	4,000	[redacted]	3,000	2,500	[redacted]	53	62	[redacted]	160,000	155,000	[redacted]
District 4	145,000	110,000	[redacted]	110,000	74,000	[redacted]	58	71	[redacted]	6,330,000	5,230,000	[redacted]
Bledsoe	6,200	5,000	[redacted]	4,800	3,700	[redacted]	71	58	[redacted]	340,000	215,000	[redacted]
Coffee	20,000	19,000	[redacted]	17,500	14,900	[redacted]	66	55	[redacted]	1,155,000	823,000	[redacted]
Cumberland	5,800	3,700	[redacted]	4,500	2,700	[redacted]	62	80	[redacted]	280,000	215,000	[redacted]
Fentress	9,000	6,000	[redacted]	7,600	5,000	[redacted]	53	72	[redacted]	400,000	360,000	[redacted]
Franklin	20,000	18,000	[redacted]	17,500	14,900	[redacted]	83	74	[redacted]	1,460,000	1,100,000	[redacted]
Grundy	3,400	3,300	[redacted]	3,000	2,800	[redacted]	85	77	[redacted]	255,000	215,000	[redacted]
Marion	3,900	3,500	[redacted]	3,600	2,800	[redacted]	81	59	[redacted]	290,000	164,000	[redacted]
Morgan	3,000	2,200	[redacted]	2,600	1,800	[redacted]	62	81	[redacted]	160,000	145,000	[redacted]
Overton	5,500	3,800	[redacted]	4,600	2,700	[redacted]	64	67	[redacted]	295,000	180,000	[redacted]
Pickett	1,400	1,000	[redacted]	1,300	800	[redacted]	64	75	[redacted]	83,000	60,000	[redacted]
Putnam	4,500	2,800	[redacted]	4,200	2,200	[redacted]	62	75	[redacted]	260,000	165,000	[redacted]
Scott	2,600	1,800	[redacted]	1,900	1,300	[redacted]	66	63	[redacted]	125,000	82,000	[redacted]
Sequatchie	2,100	1,800	[redacted]	1,600	1,400	[redacted]	63	61	[redacted]	100,000	86,000	[redacted]
Van Buren	1,600	1,200	[redacted]	1,000	800	[redacted]	57	69	[redacted]	57,000	55,000	[redacted]
Warren	19,000	12,600	[redacted]	15,500	9,900	[redacted]	62	54	[redacted]	960,000	530,000	[redacted]
White	7,000	6,300	[redacted]	3,800	3,300	[redacted]	61	62	[redacted]	230,000	205,000	[redacted]
District 5	115,000	92,000	[redacted]	95,000	71,000	[redacted]	68	65	[redacted]	6,450,000	4,600,000	[redacted]
Anderson	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]	[1]	[1]	[redacted]
Blount	7,000	6,000	[redacted]	4,100	2,600	[redacted]	60	73	[redacted]	245,000	191,000	[redacted]
Bradley	3,500	3,200	[redacted]	1,100	900	[redacted]	55	56	[redacted]	60,000	50,000	[redacted]
Campbell	800	600	[redacted]	600	400	[redacted]	67	65	[redacted]	40,000	26,000	[redacted]
Carter	800	800	[redacted]	500	400	[redacted]	64	75	[redacted]	32,000	30,000	[redacted]
Claiborne	3,000	2,300	[redacted]	1,200	1,000	[redacted]	59	82	[redacted]	71,000	82,000	[redacted]
Cocke	7,000	5,500	[redacted]	4,000	2,600	[redacted]	49	71	[redacted]	195,000	185,000	[redacted]
Grainger	2,900	2,200	[redacted]	1,500	1,100	[redacted]	70	56	[redacted]	105,000	62,000	[redacted]
Greene	17,000	13,000	[redacted]	4,900	3,300	[redacted]	47	54	[redacted]	230,000	178,000	[redacted]
Hamblen	3,200	2,800	[redacted]	1,900	1,400	[redacted]	68	59	[redacted]	130,000	83,000	[redacted]
Hamilton	1,600	1,600	[redacted]	600	800	[redacted]	50	55	[redacted]	30,000	44,000	[redacted]
Hancock	1,700	1,300	[redacted]	1,300	800	[redacted]	50	66	[redacted]	65,000	53,000	[redacted]
Hawkins	5,500	4,500	[redacted]	2,900	2,000	[redacted]	50	70	[redacted]	145,000	140,000	[redacted]
Jefferson	6,200	5,500	[redacted]	3,200	2,000	[redacted]	58	56	[redacted]	185,000	112,000	[redacted]
Johnson	2,600	2,000	[redacted]	1,700	1,100	[redacted]	74	74	[redacted]	125,000	81,000	[redacted]
Knox	3,400	2,900	[redacted]	1,500	1,300	[redacted]	53	53	[redacted]	80,000	69,000	[redacted]
Loudon	4,500	3,900	[redacted]	2,600	1,700	[redacted]	44	51	[redacted]	115,000	87,000	[redacted]
McMinn	8,500	7,500	[redacted]	3,600	1,900	[redacted]	58	54	[redacted]	210,000	103,000	[redacted]
Meigs	3,700	2,900	[redacted]	1,300	800	[redacted]	50	63	[redacted]	65,000	50,000	[redacted]
Monroe	4,700	4,100	[redacted]	1,800	1,400	[redacted]	75	68	[redacted]	135,000	95,000	[redacted]
Polk	2,500	2,100	[redacted]	1,400	800	[redacted]	66	75	[redacted]	93,000	60,000	[redacted]
Rhea	3,900	2,900	[redacted]	2,500	1,500	[redacted]	44	49	[redacted]	110,000	73,000	[redacted]
Roane	1,300	900	[redacted]	800	500	[redacted]	49	50	[redacted]	39,000	25,000	[redacted]
Sevier	3,000	2,600	[redacted]	2,600	1,500	[redacted]	65	60	[redacted]	170,000	90,000	[redacted]
Sullivan	5,800	4,300	[redacted]	2,200	1,700	[redacted]	73	59	[redacted]	160,000	100,000	[redacted]
Union	700	500	[redacted]	500	300	[redacted]	68	77	[redacted]	34,000	23,000	[redacted]
Washington	9,500	7,400	[redacted]	2,200	1,700	[redacted]	45	74	[redacted]	100,000	125,000	[redacted]
Other Counties[1]	700	700	[redacted]	500	500	[redacted]	62	66	[redacted]	31,000	33,000	[redacted]
District 6	115,000	94,000	[redacted]	53,000	36,000	[redacted]	57	63	[redacted]	3,000,000	2,250,000	[redacted]
State	910,000	730,000	[redacted]	770,000	580,000	[redacted]	74	91	[redacted]	56,980,000	52,780,000	[redacted]

[1] Less than 500 acres planted for all purposes, combined with other counties.

COTTON



TOP FIVE COUNTIES	
1. HAYWOOD	104,000
2. CROCKETT	100,000
3. TIPTON	58,500
4. FAYETTE	55,000
5. MADISON	54,000

Cotton Production Drops Off From Abundant 1987 Crop

Cotton Growers entered the 1988 crop year with high hopes of repeating the great 1987 year. Producers expanded acreage by almost 25 percent to a whopping 535,000 acres, the most since 1974. A cool May followed by a very dry June dashed early dreams of matching 1987's record-breaking yield of 700 pounds of lint per acre. Some glint of optimism returned in July as rainfall and warm temperatures accelerated growth and development. Producers at that time were anticipating very good yields and the most total production since 1953. Rainy October and November weather, and a crop stopped short of full maturity by frost, disappointed growers as they ended harvest with 529 pounds of lint per acre. This is slightly less than the five-year average of 540 pounds. Total cotton production for 1988 was 584,000 bales from 530,000 acres. This compares with total output of 634,000 bales in 1987.

Cotton fiber prices dipped an average of ten cents a pound in 1988 to 53.0 cents per pound. Growers, however, averaged $111 per ton for cottonseed compared with only $77 per ton in 1987. The total value of production of cotton lint and cottonseed in 1988 was 174.9 million dollars compared with 209.8 million the previous year. Cotton ranked as Tennessee's second leading cash crop, second only to soybeans.

COTTON: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Crop Year	Acreage		Yield Per Acre	Production		Ginnings As Reported By Census[2]
	Planted	Harvested		Lint[1]	Seed	
	1,000		Pounds Lint	1,000 Bales	1,000 Tons	1,000 Bales
1979	250	230	357	171	71	170.7
1980	290	275	349	200	82	197.8
1981	325	305	496	315	127	311.2
1982	260	255	638	339	132	336.7
1983	220	215	337	151	60	149.6
1984	340	325	498	337	133	335.9
1985	340	335	600	419	160	415.5
1986	340	335	567	396	157	396.6
1987	440	435	700	634	235	634.4
1988	535	530	529	584	237	583.1

[1] Production is 480 pound net weight bales.

[2] Equivalent 480 pound net weight bales ginned, not adjusted for cross state movement.

COTTON LINT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1979-88

Crop Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing Year Average[1]
						CENTS PER POUND							
1979	57.0	59.8	63.2	63.0	61.0	66.5	78.0	77.1	76.9	78.0	71.3	—	62.9
1980	—	78.5	77.3	79.8	79.1	79.3	78.8	78.5	75.6	—	—	—	78.4
1981	—	59.8	58.5	52.0	51.4	49.5	50.7	57.1	58.9	56.1	58.4	55.7	54.7
1982	57.1	57.8	58.8	58.9	55.7	56.0	52.3	58.5	59.6	67.5	63.7	63.4	58.0
1983	66.5	69.0	68.7	68.8	68.8	66.0	66.1	69.4	68.6	74.0	70.6	—	68.5
1984	—	64.0	61.8	59.2	53.6	51.4	47.4	48.9	48.6	—	—	—	56.7
1985	—	56.1	54.1	53.6	50.8	51.3	48.1	57.7	57.2	57.9	58.9	—	53.6
1986	—	47.1	47.3	48.5	49.5	49.5	48.6	47.6	53.5	58.9	—	—	49.0
1987	64.4	64.2	64.1	63.1	63.1	61.4	56.3	54.5	55.9	57.5	58.9	57.9	63.0
1988	54.2	50.1	51.3	51.7	52.8	54.4	53.8	56.1					53.0[2]

COTTONSEED: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1979-88

Crop Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing Year Average[1]
						DOLLARS PER TON							
1979	—	—	—	132.00	126.00	125.00	125.00	—	—	—	—	—	131.00
1980	—	128.00	128.00	128.00	128.00	—	—	—	—	—	—	—	128.00
1981	—	80.00	77.00	81.00	76.00	77.00	—	—	—	—	—	—	79.00
1982	—	75.00	67.00	67.00	65.00	—	—	—	—	—	—	—	69.00
1983	—	—	160.00	165.00	160.00	160.00	160.00	160.00	160.00	—	—	—	161.00
1984	—	—	100.00	90.00	80.00	75.00	80.00	—	—	—	—	—	90.50
1985	—	54.00	52.00	55.00	56.00	53.00	—	—	—	—	—	—	53.00
1986	—	—	66.00	72.00	—	—	—	—	—	—	—	—	66.50
1987	—	—	77.00	79.00	77.00	—	—	—	—	—	—	—	77.00
1988	—	—	110.00	114.00	108.00	—	—	—	—	—	—	—	111.00[2]

[1] Marketing year is August 1 of the current year through July 31 of the following year.

[2] Preliminary based on the first eight months of the marketing year.

COTTON: FARM MARKETINGS, BY MONTHS, TENNESSEE 1978-1987

Crop	Year of Production				Following Year							
Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.
						Percent						
1978	—	3.0	33.0	34.0	7.0	7.0	2.0	5.0	2.0	2.0	3.0	1.0
1979	—	—	9.0	21.0	52.0	15.0	2.0	1.0	—	—	—	—
1980	—	16.0	42.0	25.0	9.0	3.0	3.0	2.0	1.0	1.0	—	—
1981	0.3	5.6	27.3	33.7	14.5	4.8	1.4	2.7	3.4	2.6	1.4	2.3
1982	1.1	13.6	30.8	22.5	19.3	5.3	1.5	1.5	1.5	1.5	1.1	0.3
1983	0.8	10.3	31.3	25.8	15.0	9.3	3.4	1.5	1.3	1.3	—	—
1984	—	0.8	18.3	33.8	36.2	7.0	0.8	0.6	2.5	—	—	—
1985	—	2.7	24.6	38.5	13.9	6.4	2.1	1.6	4.8	4.3	1.1	—
1986	—	0.8	13.9	26.4	35.8	16.1	3.0	1.4	2.0	0.6	—	—
1987	0.2	6.6	32.7	35.8	13.6	4.7	1.3	0.9	0.6	2.2	1.1	0.3

COTTON: Acreage, Yield, and Production—By Counties for 1983, 1984, and 1985

District and County	Acreage Planted 1983	Acreage Planted 1984	Acreage Planted 1985	Acreage Harvested 1983	Acreage Harvested 1984	Acreage Harvested 1985	Yield Per Harv. Acre 1983	Yield Per Harv. Acre 1984	Yield Per Harv. Acre 1985	Production 480 Lbs. Net Wt. 1983	Production 480 Lbs. Net Wt. 1984	Production 480 Lbs. Net Wt. 1985
		Acres			Acres			Pounds			Bales	
Dyer	5,500	9,100	8,800	4,700	8,700	8,620	462	508	512	4,520	9,200	9,200
Lake	180	265	550	160	260	540	480	591	631	160	320	710
Lauderdale	7,800	11,800	13,700	7,200	10,900	13,400	333	502	609	5,000	11,400	17,000
Obion	820	1,120	850	740	1,050	840	370	521	509	570	1,140	890
Shelby	12,800	18,600	17,800	12,500	18,000	17,600	355	480	614	9,250	18,000	22,500
Tipton	20,300	32,000	29,700	19,800	30,000	29,500	281	456	630	11,600	28,500	38,700
District 1	47,490	72,885	71,400	45,100	68,910	70,500	331	478	606	31,100	68,560	89,000
Carroll	1,600	3,700	5,600	1,500	3,500	5,400	384	453	524	1,200	3,300	5,900
Chester	1,350	2,500	2,600	1,260	2,350	2,500	267	347	422	700	1,700	2,200
Crockett	43,600	68,500	70,000	43,100	66,000	69,700	375	564	668	33,700	77,500	97,000
Fayette	25,300	38,000	37,000	25,000	36,000	36,000	344	467	560	17,900	35,000	42,000
Gibson	13,200	28,400	26,000	13,000	27,000	25,500	343	469	506	9,300	26,400	26,900
Hardeman	11,200	15,500	17,000	11,000	14,900	16,500	353	451	524	8,100	14,000	18,000
Hardin	220	300	330	210	280	320	240	411	480	105	240	320
Haywood	45,600	67,000	67,000	45,000	64,400	66,500	291	499	610	27,300	67,000	84,500
Henderson	1,350	1,320	1,400	1,260	1,250	1,370	267	557	627	700	1,450	1,790
McNairy	1,800	2,100	3,050	1,700	2,000	3,000	339	348	566	1,200	1,450	3,540
Madison	22,600	32,700	31,300	22,300	31,500	30,500	340	518	614	15,800	34,000	39,000
Weakley	400	505	720	380	495	710	253	475	575	200	490	850
District 2	168,220	260,525	262,000	165,710	249,675	258,000	337	505	599	116,205	262,530	322,000
Lawrence	160	360	365	150	330	365	240	436	427	75	300	325
Wayne	50	—	25	30	—	25	320	—	480	20	—	25
District 3	210	360	390	180	330	390	253	436	431	95	300	350
Giles	180	270	430	170	265	420	254	471	480	90	260	420
Lincoln	1,320	1,910	1,970	1,250	1,850	1,940	269	441	624	700	1,700	2,520
Rutherford	1,050	1,910	1,550	990	1,850	1,520	325	337	524	670	1,300	1,660
District 4	2,550	4,090	3,950	2,410	3,965	3,880	291	395	569	1,460	3,260	4,600
Franklin	1,620	2,140	2,260	1,600	2,120	2,230	642	532	657	2,140	2,350	3,050
District 5	1,620	2,140	2,260	1,600	2,120	2,230	642	532	657	2,140	2,350	3,050
State	220,000	340,000	340,000	215,000	325,000	335,000	337	498	600	151,000	337,000	419,000

COTTON: Acreage, Yield and Production—By Counties for 1986, 1987, and 1988

District and County	Acreage Planted			Acreage Harvested			Yield Per Harv. Acre			Production 480 Lbs. Net Wt.		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
								Pounds			Bales	
Dyer	9,400	14,800	[redacted]	9,300	14,600	[redacted]	578	658	[redacted]	11,200	20,000	[redacted]
Lake	1,550	2,500	[redacted]	1,500	2,450	[redacted]	563	862	[redacted]	1,760	4,400	[redacted]
Lauderdale	17,300	27,000	[redacted]	17,000	26,600	[redacted]	599	812	[redacted]	21,200	45,000	[redacted]
Obion	1,050	1,700	[redacted]	1,000	1,650	[redacted]	595	669	[redacted]	1,240	2,300	[redacted]
Shelby	18,200	24,200	[redacted]	18,000	23,400	[redacted]	507	585	[redacted]	19,000	28,500	[redacted]
Tipton	33,500	50,000	[redacted]	33,200	49,400	[redacted]	544	700	[redacted]	37,600	72,000	[redacted]
District 1	81,000	120,000	[redacted]	80,000	118,100	[redacted]	552	700	[redacted]	92,000	172,200	[redacted]
Carroll	5,200	8,500	[redacted]	5,100	8,400	[redacted]	574	563	[redacted]	6,100	9,850	[redacted]
Chester	2,500	3,840	[redacted]	2,400	3,740	[redacted]	560	533	[redacted]	2,800	4,150	[redacted]
Crockett	62,000	72,000	[redacted]	61,000	71,500	[redacted]	622	749	[redacted]	79,000	111,500	[redacted]
Decatur	0	0	[redacted]	0	0	[redacted]	—	—	[redacted]	0	0	[redacted]
Fayette	35,000	44,000	[redacted]	34,500	43,500	[redacted]	557	690	[redacted]	40,000	62,500	[redacted]
Gibson	30,600	39,400	[redacted]	30,300	39,000	[redacted]	507	661	[redacted]	32,000	53,700	[redacted]
Hardeman	15,800	20,000	[redacted]	15,700	19,800	[redacted]	504	587	[redacted]	16,500	24,200	[redacted]
Hardin	300	200	[redacted]	300	200	[redacted]	512	528	[redacted]	320	220	[redacted]
Haywood	66,000	80,000	[redacted]	65,000	79,400	[redacted]	595	744	[redacted]	80,600	123,000	[redacted]
Henderson	1,535	1,800	[redacted]	1,500	1,770	[redacted]	576	637	[redacted]	1,800	2,350	[redacted]
Henry	65	360	[redacted]	65	360	[redacted]	554	573	[redacted]	75	430	[redacted]
McNairy	2,300	2,700	[redacted]	2,150	2,650	[redacted]	487	562	[redacted]	2,180	3,100	[redacted]
Madison	30,500	38,800	[redacted]	30,000	38,300	[redacted]	552	721	[redacted]	34,500	57,500	[redacted]
Weakley	700	1,400	[redacted]	685	1,380	[redacted]	508	522	[redacted]	725	1,500	[redacted]
District 2	252,500	313,000	[redacted]	248,700	310,000	[redacted]	572	703	[redacted]	296,600	454,000	[redacted]
Lawrence	360	260	[redacted]	350	260	[redacted]	411	425	[redacted]	300	230	[redacted]
District 3	360	260	[redacted]	350	260	[redacted]	411	425	[redacted]	300	230	[redacted]
Giles	300	530	[redacted]	300	530	[redacted]	480	607	[redacted]	300	670	[redacted]
Lincoln	2,100	2,440	[redacted]	2,050	2,400	[redacted]	749	500	[redacted]	3,200	2,500	[redacted]
Rutherford	1,600	1,470	[redacted]	1,500	1,440	[redacted]	400	567	[redacted]	1,250	1,700	[redacted]
District 4	4,000	4,440	[redacted]	3,850	4,370	[redacted]	592	535	[redacted]	4,750	4,870	[redacted]
Franklin	2,140	2,300	[redacted]	2,100	2,270	[redacted]	537	571	[redacted]	2,350	2,700	[redacted]
District 5	2,140	2,300	[redacted]	2,100	2,270	[redacted]	537	571	[redacted]	2,350	2,700	[redacted]
State	340,000	440,000	[redacted]	335,000	435,000	[redacted]	567	700	[redacted]	396,000	634,000	[redacted]

COTTONSEED: PRODUCTION, FARM DISPOSITION, SALES, AND VALUE, TENNESSEE, 1979-88

Crop Year	Production	Farm Disposition			Marketing Year Average Price	Value Of Production	Value Of Sales To Oil Mills
		Sales To Oil Mills	Other[1]	Used For Planting[2]			
			1,000 Tons		Dollars Per Ton	1,000 Dollars	
1979	71	66	5	3.4	131.00	9,301	8,646
1980	82	76	6	3.9	128.00	10,496	9,728
1981	127	118	9	4.1	79.00	10,033	9,322
1982	132	113	19	7.2	69.00	9,108	7,797
1983	60	50	10	4.6	161.00	9,660	8,050
1984	133	124	9	4.6	90.50	12,037	11,222
1985	160	130	30	3.6	53.00	8,480	6,890
1986	157	152	5	4.6	66.50	10,441	10,108
1987	235	229	6	5.6	77.00	18,095	17,633
1988	237	232	5	4.7	111.00	26,307	25,752

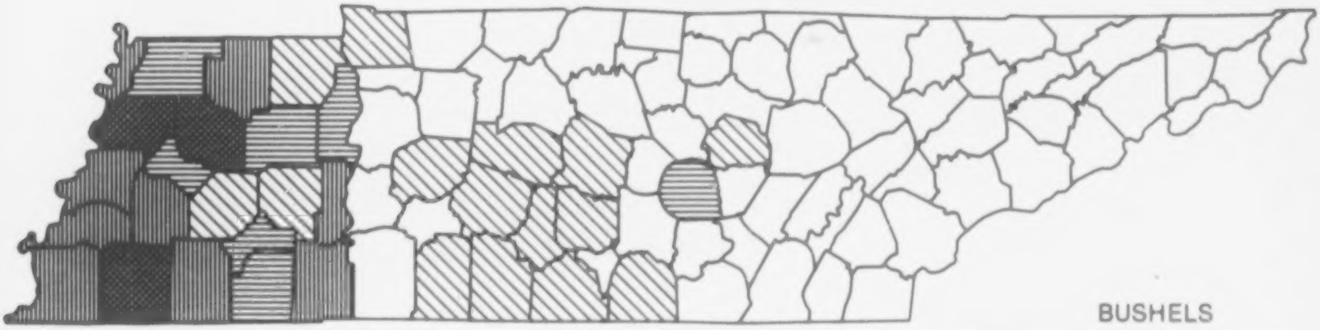
[1] Includes Planting Seed, Exports, Inter-Farm Sales, Shrinkage, Losses And Other Uses.

[2] Included In "Other" Farm Disposition. Planting Seed From Previous Years Crop.

COTTON AND COTTONSEED: PRICE AND VALUE, TENNESSEE, 1979-88

Crop Year	Lint		Cottonseed		Combined Value Of Lint And Cottonseed
	Marketing Year Average Price	Value Of Production	Marketing Year Average Price	Value Of Production	
	Cents Per Pound	1,000 Dollars	Dollars Per Ton	1,000 Dollars	1,000 Dollars
1979	62.90	51,628	131.00	9,301	60,929
1980	78.40	75,264	128.00	10,496	85,760
1981	54.70	82,706	79.00	10,033	92,739
1982	58.00	94,378	69.00	9,108	103,486
1983	68.50	49,649	161.00	9,660	59,309
1984	56.70	91,718	90.50	12,037	103,755
1985	53.60	107,800	53.00	8,480	116,280
1986	49.00	93,139	66.50	10,441	103,580
1987	63.00	191,722	77.00	18,095	209,817
1988	53.00	148,570	111.00	26,307	174,877

SORGHUM



TOP FIVE COUNTIES	
1. DYER	680,000
2. FAYETTE	248,000
3. GIBSON	215,000
4. TIPTON	98,000
5. LAKE	95,000

Tennessee's 1988 grain sorghum production declined sharply for the third consecutive year. Total sorghum planted acreage (for grain, silage, syrup, and forage) was down one half from 1987 to 45,000 acres. Grain acreage took the bulk of the decline as only 35,000 acres were harvested. Acreage planted for other uses or abandoned totaled 10,000 acres. Despite a dry season, grain yields averaged 70 bushels per acre, or six bushels better than the 10-year average. Grain sorghum production is concentrated in West Tennessee where 85 percent of the 1988 production was grown. The five West Tennessee counties of Dyer, Fayette, Gibson, Tipton and Lake represent over half of the state crop. Lake county producers averaged 95 bushels per acre to outdistance neighboring Dyer and Obion as the top yielding county in the State. The 1987 grain sorghum crop was valued at $5.9 million compared with $9.3 million in 1987. The market year average price improved significantly to $2.41 per bushel compared with $1.55 a year earlier.

SORGHUM: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Crop Year	Planted For All Purposes	Acreage Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value of Grain Production	Acreage Harvested For Silage	Yield Per Acre	Silage Production
	1,000	Acres	Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1979	45	29	51	1,479	2.35	3,476	6	12.0	72
1980	55	35	50	1,750	2.97	5,198	12	11.0	132
1981	104	75	62	4,650	2.21	10,277	9	12.0	108
1982	100	85	65	5,525	1.90	10,498	3	13.0	39
1983	110	95	53	5,035	2.97	14,954	6	12.0	72
1984	280	260	80	20,800	2.24	46,592	6	13.0	78
1985	480	465	80	37,200	1.88	69,936	6	14.0	84
1986	180	165	65	10,725	1.34	14,372	8	12.0	96
1987	90	75	80	6,000	1.55	9,300	10	10.0	100
1988	45	35	70	2,450	2.41	5,905	8	9.0	72

SORGHUM: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1979-88

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average[1]
						DOLLARS PER BUSHEL							
1979	2.40	2.40	2.40	2.40	2.10	2.30	2.25	2.25	2.25	2.30	2.30	2.30	2.35
1980	2.90	2.90	3.00	3.20	3.10	3.15	3.00	3.10	2.75	2.75	3.00	2.65	2.97
1981	2.25	2.25	2.15	2.25	2.25	2.25	2.20	2.10	2.10	2.10	3.10	2.25	2.21
1982	2.25	2.15	2.25	2.20	2.50	2.35	3.45	2.55	2.55	2.55	2.60	3.15	1.90
1983	3.05	2.95	3.00	2.85	2.95	2.80	3.00	3.10	3.15	2.60	2.40	2.40	2.97
1984	2.30	2.15	2.20	2.25	2.35	2.25	2.40	2.40	2.40	2.30	1.70	1.75	2.24
1985	1.60	1.75	2.00	2.08	2.10	2.07	2.10	2.15	2.32	2.18	1.64	1.30	1.88
1986	1.24	1.32	1.40	1.38	1.32	1.31	1.37	1.40	1.58	1.54	1.34	1.25	1.34
1987	1.35	1.41	1.52	1.57	1.62	1.71	1.74	1.75	1.85	2.60	2.95	2.47	1.55
[illegible]	[illegible]	1.41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible][2]

[1] Marketing year is September 1 of the current year through August 31 of the following year.

[2] Preliminary based on the first seven months of the marketing year.

SORGHUM: Acreage, Yield, and Production—By Counties for 1983, 1984, and 1985

District and County	Planted for All Purposes 1983	Planted for All Purposes 1984	Planted for All Purposes 1985	Harvested For Grain 1983	Harvested For Grain 1984	Harvested For Grain 1985	Yield Per Harv. Acre 1983	Yield Per Harv. Acre 1984	Yield Per Harv. Acre 1985	Production for Grain 1983	Production for Grain 1984	Production for Grain 1985
				Acres					Bushels			
Dyer	11 800	63 500	85 000	11 100	42 300	84 600	64	90	92	711 000	3 807 000	7 770 000
Lake	3 200	8 700	13 000	3 200	8 700	12 900	84	96	90	269 000	768 000	1 160 000
Lauderdale	4 300	13 500	25 000	4 200	13 000	24 900	67	91	92	282 000	1 183 000	2 290 000
Obion	5 200	18 000	25 300	5 000	17 720	24 900	62	95	93	310 000	1 682 000	2 310 000
Shelby	2 700	6 300	12 000	2 500	6 000	11 900	55	73	73	137 000	438 000	870 000
Tipton	3 100	9 000	20 000	3 000	8 500	19 800	42	88	86	126 000	748 000	1 700 000
District 1	30 300	98 500	180 000	29 000	95 500	179 000	63	90	90	1 835 000	8 626 000	16 100 000
Benton	1 700	5 200	6 500	1 300	4 850	6 200	30	75	81	39 000	364 000	505 000
Carroll	3 500	8 500	13 000	2 800	8 000	12 500	47	78	76	131 000	624 000	950 000
Chester	5 800	7 400	10 000	5 500	7 000	9 800	63	80	64	346 000	560 000	630 000
Crockett	1 800	3 200	5 000	1 700	3 000	4 900	31	82	80	53 000	246 000	390 000
Decatur	1 300	4 200	5 000	1 200	4 000	4 900	25	69	69	30 000	276 000	340 000
Fayette	9 000	14 300	26 000	8 200	13 400	25 000	54	73	67	444 000	978 000	1 700 000
Gibson	8 100	30 000	68 000	7 800	29 000	67 000	61	86	79	474 000	2 494 000	5 300 000
Hardeman	7 400	10 500	14 000	6 700	10 000	13 500	45	72	68	300 000	720 000	920 000
Hardin	2 300	10 600	16 000	2 000	9 500	15 500	38	75	65	75 500	713 000	1 000 000
Haywood	2 600	7 200	11 500	2 300	7 000	11 300	48	66	76	110 000	462 000	860 000
Henderson	2 100	8 000	11 500	1 700	7 800	11 100	48	67	66	82 000	523 000	730 000
Henry	1 700	2 800	6 000	1 400	2 500	5 800	31	70	78	43 000	175 000	450 000
McNairy	8 300	8 100	11 000	7 300	7 500	10 500	52	67	62	381 000	503 000	650 000
Madison	3 500	6 300	9 000	2 800	6 000	8 600	46	65	78	129 000	390 000	670 000
Weakley	4 700	10 000	25 000	4 300	9 800	24 500	42	90	86	180 000	882 000	2 100 000
District 2	64 800	136 000	237 500	57 000	129 350	231 800	49	77	74	2 817 500	9 910 000	17 195 000
Cheatham	[1]	[1]	500	[1]	[1]	450	[1]		[1]		[1]	33 000
Dickson		[1]	500	[1]	[1]	450	—		[1]	—	[1]	34 000
Hickman	[1]	[1]	1 000	[1]	[1]	850	—	—		—	[1]	63 000
Humphreys	[1]	550	800	[1]	500	750	—	66	68	[1]	33 000	51 000
Lawrence	2 000	5 000	7 000	1 700	4 500	6 800	40	67	69	68 000	302 000	469 000
Lewis	[1]	[1]	800	[1]	[1]	700	[1]	[1]	[1]	[1]	[1]	49 000
Montgomery		1 600	1 500	—	1 500	1 400	—	90	93	[1]	135 000	130 000
Perryon	[1]	[1]	800	—	[1]	700	—	[1]	[1]	—	[1]	57 500
Robertson		1 200	1 500		1 000	1 400	—	90	93	[1]	90 000	130 000
Wayne	[1]	3 300	2 500		2 500	2 400	[1]	66	75	—	165 000	180 000
Other Counties[1]	1 700	1 450	600	1 500	1 050	500	38	65	67	56 500	68 000	33 500
District 3	3 700	13 000	17 500	3 200	11 050	16 400	39	72	75	124 500	793 000	1 225 000
Bedford	2 300	4 000	4 500	1 300	3 000	4 000	53	62	73	69 000	186 000	290 000
Houston	[1]	[1]	500	[1]	[1]	400	—	[1]	[1]	[1]	[1]	26 000
DeKalb	[1]	1 300	1 500	[1]	1 000	1 300	[1]	60	69		60 000	90 000
Giles	800	2 000	2 700	500	1 500	2 300	42	68	67	21 000	102 000	155 000
Lincoln	[1]	2 500	3 000	[1]	2 000	2 800	[1]	65	75	[1]	130 000	210 000
Marshall	[1]	1 100	1 500	[1]	700	1 200	[1]	60	65	[1]	42 000	78 000
Maury	[1]	1 500	3 000	[1]	1 200	2 700	[1]	67	76	[1]	80 500	205 000
Rutherford	900	3 900	8 000	550	3 000	6 700	47	69	71	26 000	207 000	475 000
Williamson	500	1 800	1 800	300	1 300	1 500	50	68	64	15 000	88 500	96 000
Other Counties[1]	1 500	900	1 500	950	600	1 100	44	57	68	42 000	34 000	75 000
District 4	6 000	19 000	28 000	3 600	14 300	24 000	48	65	71	173 000	930 000	1 700 000
Coffee	[1]	1 800	2 000	[1]	1 500	1 900	[1]	59	71		88 500	135 000
Houston	[1]	[1]	900	[1]	[1]	800	[1]	[1]	[1]	[1]	[1]	60 000
Marion	700	700	1 200	400	600	1 100	35	50	75	14 000	30 000	82 000
Warren	800	7 600	4 900	450	6 000	4 400	40	56	71	18 000	336 000	317 000
White	[1]	[1]	1 000	[1]	[1]	800	[1]	[1]	[1]	[1]	[1]	49 000
Other Counties[1]	1 500	900	2 000	850	500	1 500	34	53	61	29 000	26 500	92 000
District 5	3 000	11 000	12 000	1 700	8 600	10 500	36	56	70	61 000	481 000	730 000
McMinn	[1]	[1]	700	[1]	[1]	500	—	[1]	[1]	—	[1]	36 000
Polk	700	1 000	800	150	600	600	47	51	68	7 000	30 600	41 000
Other Counties[1]	1 500	1 500	3 500	350	600	2 400	49	49	72	17 000	29 400	173 000
District 6	2 200	2 500	5 000	500	1 200	3 500	48	50	71	24 000	60 000	250 000
State	110 000	280 000	480 000	95 000	260 000	465 000	53	80	80	5 035 000	20 800 000	37 200 000

[1] Less than 500 acres planted for all purposes; combined with other counties.

SORGHUM: Acreage, Yield, and Production—By Counties for 1986, 1987, and Preliminary 1988

District and County	Planted for All Purposes 1986	Planted for All Purposes 1987	Planted for All Purposes 1988	Harvested For Grain 1986	Harvested For Grain 1987	Harvested For Grain 1988	Yield Per Harv. Acre 1986	Yield Per Harv. Acre 1987	Yield Per Harv. Acre 1988	Production for Grain 1986	Production for Grain 1987	Production for Grain 1988
			Acres						Bushels			
Dyer	32,000	17,200	[illegible]	31,600	16,500	[illegible]	79	100	[illegible]	2,500,000	1,658,000	[illegible]
Lake	3,000	2,800	[illegible]	2,900	2,700	[illegible]	78	100	[illegible]	225,000	270,000	[illegible]
Lauderdale	7,500	3,500	[illegible]	7,300	3,200	[illegible]	70	83	[illegible]	510,000	266,000	[illegible]
Obion	4,500	2,000	[illegible]	4,400	1,900	[illegible]	86	95	[illegible]	380,000	180,000	[illegible]
Shelby	4,000	2,000	[illegible]	3,900	1,900	[illegible]	59	77	[illegible]	230,000	146,000	[illegible]
Tipton	8,000	3,500	[illegible]	7,900	3,300	[illegible]	59	80	[illegible]	465,000	265,000	[illegible]
District 1	59,000	31,000	[illegible]	58,000	29,500	[illegible]	74	94	[illegible]	4,310,000	2,785,000	[illegible]
Benton	2,700	800	[illegible]	2,400	700	[illegible]	50	74	[illegible]	120,000	52,000	[illegible]
Carroll	2,500	1,100	[illegible]	2,300	900	[illegible]	61	78	[illegible]	140,000	70,000	[illegible]
Chester	2,700	1,000	[illegible]	2,600	900	[illegible]	50	61	[illegible]	130,000	55,000	[illegible]
Crockett	2,400	2,000	[illegible]	2,300	1,900	[illegible]	59	76	[illegible]	135,000	145,000	[illegible]
Decatur	2,500	1,700	[illegible]	2,400	1,600	[illegible]	52	57	[illegible]	125,000	91,000	[illegible]
Fayette	11,000	6,000	[illegible]	10,700	5,700	[illegible]	58	70	[illegible]	620,000	401,000	[illegible]
Gibson	21,000	8,000	[illegible]	20,300	7,100	[illegible]	69	85	[illegible]	1,400,000	607,000	[illegible]
Hardeman	5,500	2,300	[illegible]	5,300	2,100	[illegible]	58	71	[illegible]	310,000	150,000	[illegible]
Hardin	6,700	2,500	[illegible]	6,500	2,200	[illegible]	54	68	[illegible]	350,000	150,000	[illegible]
Haywood	4,000	1,800	[illegible]	3,900	1,700	[illegible]	64	77	[illegible]	250,000	131,000	[illegible]
Henderson	2,300	800	[illegible]	2,200	700	[illegible]	57	64	[illegible]	125,000	45,000	[illegible]
Henry	2,200	800	[illegible]	2,100	700	[illegible]	57	77	[illegible]	120,000	54,000	[illegible]
McNairy	3,500	1,400	[illegible]	3,400	1,300	[illegible]	54	72	[illegible]	185,000	94,000	[illegible]
Madison	2,200	1,300	[illegible]	2,100	1,200	[illegible]	57	67	[illegible]	120,000	80,000	[illegible]
Weakley	6,800	2,500	[illegible]	6,500	2,300	[illegible]	80	96	[illegible]	520,000	220,000	[illegible]
Other Counties[1]	—	—	[illegible]	—	—	[illegible]	—	—	[illegible]	—	—	[illegible]
District 2	78,000	34,000	[illegible]	75,000	31,000	[illegible]	62	76	[illegible]	4,650,000	2,345,000	[illegible]
Hickman	800	[1]	[illegible]	600	[1]	[illegible]	50	[1]	[illegible]	30,000	[1]	[illegible]
Humphreys	700	[1]	[illegible]	650	[1]	[illegible]	51	[1]	[illegible]	33,000	[1]	[illegible]
Lawrence	4,000	1,400	[illegible]	3,700	800	[illegible]	56	62	[illegible]	208,000	49,500	[illegible]
Lewis	600	[1]	[illegible]	500	[1]	[illegible]	48	[1]	[illegible]	24,000	[1]	[illegible]
Montgomery	800	[1]	[illegible]	650	[1]	[illegible]	57	[1]	[illegible]	37,000	[1]	[illegible]
Perry	600	[1]	[illegible]	550	[1]	[illegible]	53	[1]	[illegible]	29,000	[1]	[illegible]
Robertson	1,400	500	[illegible]	1,200	400	[illegible]	51	80	[illegible]	61,000	32,000	[illegible]
Wayne	1,800	[1]	[illegible]	1,600	[1]	[illegible]	53	[1]	[illegible]	85,000	[1]	[illegible]
Other Counties[1]	1,300	3,100	[illegible]	1,050	2,300	[illegible]	50	58	[illegible]	53,000	133,500	[illegible]
District 3	12,000	5,000	[illegible]	10,500	3,500	[illegible]	53	61	[illegible]	560,000	215,000	[illegible]
Bedford	3,000	1,500	[illegible]	2,300	800	[illegible]	61	65	[illegible]	140,000	52,300	[illegible]
Cannon	[1]	[1]	[illegible]	[1]	[1]	[illegible]	[1]	[1]	[illegible]	[1]	[1]	[illegible]
DeKalb	1,400	600	[illegible]	1,000	350	[illegible]	61	66	[illegible]	61,000	23,000	[illegible]
Giles	2,000	900	[illegible]	1,700	500	[illegible]	53	62	[illegible]	90,000	31,000	[illegible]
Lincoln	2,500	1,200	[illegible]	1,800	600	[illegible]	64	64	[illegible]	115,000	38,500	[illegible]
Marshall	1,000	650	[illegible]	700	400	[illegible]	51	63	[illegible]	36,000	25,000	[illegible]
Maury	2,000	1,300	[illegible]	1,600	800	[illegible]	50	60	[illegible]	80,000	48,000	[illegible]
Rutherford	2,500	1,400	[illegible]	1,900	800	[illegible]	47	66	[illegible]	90,000	53,000	[illegible]
Williamson	1,700	1,100	[illegible]	1,200	600	[illegible]	50	62	[illegible]	60,000	37,000	[illegible]
Other Counties[1]	1,900	1,350	[illegible]	1,300	750	[illegible]	52	68	[illegible]	68,000	50,900	[illegible]
District 4	18,000	10,000	[illegible]	13,500	5,600	[illegible]	55	64	[illegible]	740,000	359,000	[illegible]
Coffee	1,200	650	[illegible]	1,000	500	[illegible]	64	52	[illegible]	64,000	26,000	[illegible]
Franklin	700	500	[illegible]	500	300	[illegible]	64	52	[illegible]	32,000	15,500	[illegible]
Marion	800	600	[illegible]	600	450	[illegible]	67	51	[illegible]	40,000	23,000	[illegible]
Warren	3,400	2,600	[illegible]	2,100	1,200	[illegible]	60	55	[illegible]	125,000	65,500	[illegible]
White	900	600	[illegible]	700	400	[illegible]	57	57	[illegible]	40,000	22,800	[illegible]
Other Counties[1]	1,300	1,050	[illegible]	800	750	[illegible]	55	55	[illegible]	44,000	41,200	[illegible]
District 5	8,300	6,000	[illegible]	5,700	3,600	[illegible]	61	54	[illegible]	345,000	194,000	[illegible]
Bradley	[1]	600	[illegible]	[1]	200	[illegible]	[1]	55	[illegible]	[1]	11,000	[illegible]
McMinn	600	500	[illegible]	300	200	[illegible]	50	55	[illegible]	15,000	11,000	[illegible]
Polk	700	[1]	[illegible]	450	[1]	[illegible]	58	[1]	[illegible]	26,000	[1]	[illegible]
Other Counties[1]	3,400	2,900	[illegible]	1,550	1,400	[illegible]	51	57	[illegible]	79,000	80,000	[illegible]
District 6	4,700	4,000	[illegible]	2,300	1,800	[illegible]	52	57	[illegible]	120,000	102,000	[illegible]
State	180,000	90,000	[illegible]	165,000	75,000	[illegible]	65	80	[illegible]	10,725,000	6,000,000	[illegible]

[1] Less than 500 acres planted for all purposes, combined with other counties.

HAY

ALL HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Crop Year	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Avg. Price	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1979	1,240	1.63	2,022	50.50	102,111
1980	1,185	1.49	1,764	46.00	81,144
1981	1,270	1.64	2,078	49.00	101,822
1982	1,330	1.65	2,190	47.50	104,025
1983	1,350	1.51	2,044	49.50	101,178
1984	1,500	1.79	2,678	52.00	139,256
1985	1,620	1.95	3,156	52.00	164,112
1986	1,380	1.52	2,092	61.00	127,612
1987	1,570	1.68	2,644	53.00	140,132
1988	1,600	1.44	2,310	58.00	133,980

ALFALFA: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Crop Year	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Avg. Price	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1979	105	2.50	263	65.00	17,095
1980	105	2.40	252	67.00	16,884
1981	115	2.50	288	67.00	19,296
1982	130	3.00	390	66.00	25,740
1983	140	2.50	350	70.50	24,675
1984	150	3.00	450	72.00	32,400
1985	120	3.80	456	72.00	32,832
1986	100	3.00	300	88.00	26,400
1987	120	2.70	324	98.00	31,752
1988	100	2.10	210	100.00	21,000

ALL OTHER HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Crop Year	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Avg. Price	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1979	1,135	1.55	1,759	48.50	85,016
1980	1,080	1.40	1,512	42.50	64,260
1981	1,155	1.55	1,790	46.00	82,526
1981	1,200	1.50	1,800	43.50	78,285
1983	1,210	1.40	1,694	45.00	76,503
1984	1,350	1.65	2,228	48.00	106,856
1985	1,500	1.80	2,700	48.50	131,280
1986	1,280	1.40	1,792	56.50	101,212
1987	1,450	1.60	2,320	46.50	108,380
1988	1,500	1.40	2,100	54.00	112,980

HAY: PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1979-88

DOLLARS PER TON

Crop Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing Year Average[1]
						ALFALFA HAY							
1979	65.50	66.00	64.00	65.00	64.50	64.50	65.00	69.00	65.50	66.00	63.50	63.50	65.00
1980	62.00	64.50	63.50	62.50	65.50	67.50	69.50	68.00	74.00	75.50	64.90	63.00	67.00
1981	62.50	59.00	65.00	63.00	67.00	80.00	70.00	78.00	66.00	64.00	63.00	61.00	67.00
1982	62.00	66.00	63.00	62.00	66.00	68.00	70.00	56.00	71.60	69.00	67.90	70.80	66.00
1983	70.00	77.00	66.00	73.00	64.00	64.00	66.00	67.00	81.00	85.00	70.00	68.00	70.50
1984	68.00	72.00	74.00	73.00	73.00	77.00	70.00	65.00	69.00	75.00	70.00	70.00	72.00
1985	65.00	65.00	65.00	65.00	65.00	70.00	75.00	78.00	85.00	85.00	80.00	85.00	72.00
1986	82.00	86.00	86.00	84.00	92.00	85.00	88.00	94.00	92.00	90.00	84.00	96.00	88.00
1987	94.00	94.00	109.00	106.00	99.00	97.00	97.00	97.00	97.00	96.00	97.00	92.00	98.00
1988	90.00	95.00	98.00	102.00	101.00	102.00	106.00	106.00	103.00	106.00	108.00	—	100.00[2]
						ALL OTHER HAY							
1979	49.00	48.00	48.00	48.50	49.50	47.50	50.00	53.00	51.00	48.00	44.00	44.00	48.50
1980	43.00	42.00	43.00	42.50	44.50	42.00	41.00	43.50	47.50	45.60	43.30	43.00	42.50
1981	45.00	45.00	45.00	50.00	46.00	53.00	42.00	54.00	45.00	45.00	42.00	43.00	46.00
1982	44.00	47.00	45.00	46.00	47.00	45.00	46.00	41.00	42.70	48.00	45.30	43.20	43.50
1983	40.30	41.00	48.00	46.00	46.00	46.00	46.00	50.00	50.00	49.00	55.00	54.00	45.00
1984	50.00	57.00	48.00	49.00	43.00	45.00	48.00	45.00	50.00	50.00	55.00	49.00	48.00
1985	44.00	49.00	45.00	45.00	48.00	50.00	54.00	54.00	49.00	49.00	48.00	50.00	48.50
1986	55.00	59.00	55.00	55.00	60.00	57.00	51.00	57.00	57.00	55.00	55.00	52.00	56.50
1987	51.00	53.00	46.00	52.00	48.00	44.00	45.00	48.00	46.00	45.00	46.00	46.00	46.50
1988	52.00	57.00	52.00	50.00	50.00	52.00	52.00	56.00	56.00	57.00	53.00	—	54.00[2]
						ALL HAY							
1979	50.80	50.00	49.80	50.30	51.20	49.50	51.70	54.80	52.50	50.00	46.00	46.00	50.50
1980	45.00	44.50	45.50	44.50	47.00	45.00	44.00	46.00	50.50	48.90	45.70	45.20	46.00
1981	46.90	46.50	47.00	51.30	48.10	55.70	44.80	56.40	47.00	47.00	44.00	45.00	49.00
1982	46.00	49.00	47.00	48.00	49.00	47.00	48.00	43.00	45.60	50.10	47.60	46.00	47.50
1983	43.30	45.00	50.00	49.00	48.00	48.00	48.00	52.00	53.00	53.00	56.00	55.00	49.50
1984	52.00	58.00	57.00	51.00	50.00	48.00	51.00	50.00	53.00	54.00	57.00	52.00	52.00
1985	47.00	51.00	51.00	50.00	50.00	53.00	57.00	58.00	54.00	54.00	53.00	55.00	52.00
1986	59.00	63.00	60.00	59.00	65.00	61.00	56.00	62.00	62.00	60.00	59.00	58.00	61.00
1987	56.00	58.00	53.00	58.00	54.00	50.00	51.00	54.00	52.00	51.00	52.00	52.00	53.00
1988	55.00	61.00	57.00	53.00	56.00	57.00	57.00	61.00	61.00	62.00	58.00	—	58.00[2]

[1] Marketing year is May 1 of the current year through April 30 of the following year.
[2] Preliminary based on the first eleven months of the marketing year.

HAY: PRODUCTION, STOCKS ON FARMS, TENNESSEE, 1979-88

Crop Year	Production	Stocks			
		January 1[1]	Percent of Production	May 1[1]	Percent of Production
	1,000 Tons	1,000 Tons		1,000 Tons	
1979	2,022	1,658	82.0	566	28.0
1980	1,764	1,305	74.0	335	19.0
1981	2,078	1,559	75.0	520	25.0
1982	2,190	1,730	79.0	416	19.0
1983	2,044	1,431	70.0	368	18.0
1984	2,678	1,901	71.0	482	18.0
1985	3,156	2,115	67.0	537	17.0
1986	2,092	1,925[2]	92.0	251	12.0
1987	2,644	2,485	94.0	370	14.0
1988	2,310	2,056	89.0	347	15.0

[1] Following year stocks. [2] December 1 of crop year beginning in 1986.

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, SELECTED YEARS

Year	January 1			April 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			SOYBEANS			
1980	20,515	30,085	50,600	12,026	15,160	27,186
1981	13,311	25,326	38,637	7,344	9,444	16,788
1982	15,863	19,501	35,364	6,463	6,684	13,147
1983	17,676	16,925	34,601	6,705	9,505	16,210
1984	9,456	10,677	20,133	4,728	4,633	9,361
1985	14,911	10,842	25,753	9,620	4,257	13,877
1986	10,862	11,992	22,854	4,979	4,771	9,750
			CORN			
1985	36,053	5,857	41,910	22,287	5,047	27,334
1986	33,340	9,172	42,512	[2]	8,152	[2]
			WHEAT			
1985	2,354	8,022	10,376	1,070	3,821	4,891
1986	1,360	4,745	6,105	[2]	3,278	[2]
			GRAIN SORGHUM			
1985	3,952	[3]	[3]	1,872	732	2,604
1986	3,534	7,096	10,630	[2]	[2]	[2]

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, 1986-88

Year	December 1			Following March 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			SOYBEANS			
1986	19,000	11,800	30,800	5,000	10,145	15,145
1987	6,500	8,231	14,731	3,800	6,228	10,028
1988	5,500	11,200	16,700	2,000	5,157	7,157
			CORN			
1986	[2]	18,664	[2]	[2]	17,448	[2]
1987	[2]	24,250	[2]	[2]	21,211	[2]
1988	[2]	17,363	[2]	[2]	12,154	[2]
			WHEAT			
1986	[2]	5,024	[2]	[2]	4,350	[2]
1987	[2]	3,660	[2]	[2]	3,721	[2]
1988	[2]	7,060	[2]	[2]	5,059	[2]

[1] Includes stocks at mills, elevators, warehouses, terminals, and processors.

[2] Estimates discontinued.

[3] Not published to avoid disclosing individual operations.

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, SELECTED YEARS

Year	June 1			October 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			CORN			
1984	5,760	3,903	9,663	922	588	1,510
1985	13,110	4,282	17,392	2,294	814	3,108
			WHEAT			
1984	396	2,414	2,810	4,280	11,271	15,551
1985	428	2,894	3,322	1,520	6,254	7,774
			GRAIN SORGHUM			
1979	220	[3]	[3]	86	[3]	[3]
1980	281	[3]	[3]	74	[3]	[3]
1981	193	[3]	[3]	18	[3]	[3]
1982	279	[3]	[3]	140	[3]	[3]
1983	332	[3]	[3]	111	[3]	[3]
1984	252	[3]	[3]	151	[3]	[3]
1985	832	444	1,276	166	[3]	[3]

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, SELECTED YEARS

Year	June 1			September 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			SOYBEANS			
1979	2,844	5,785	8,629	853	1,641	2,494
1980	8,489	5,874	14,363	2,830	2,775	5,605
1981	4,361	4,538	8,899	1,836	1,840	3,676
1982	3,819	2,944	6,763	1,293	1,165	2,458
1983	4,267	4,599	8,866	1,524	2,514	4,038
1984	1,576	3,391	4,967	630	1,483	2,113
1985	5,772	2,058	7,830	3,367	1,169	4,536
1986	4,073	3,566	7,639	1,800	2,179	3,979
1987	1,700	7,836	9,536	1,300	2,107	3,407
1988	**1,000**	**2,281**	**3,281**	**600**	**1,848**	**2,448**
			CORN			
1986	[2]	7,185	[2]	[2]	9,332	[2]
1987	[2]	15,767	[2]	[2]	14,057	[2]
1988	[2]	**19,477**	[2]	[2]	**12,474**	[2]
			WHEAT			
1986	[2]	2,726	[2]	[2]	6,462	[2]
1987	[2]	2,859	[2]	[2]	4,470	[2]
1988	[2]	**2,837**	[2]	[2]	**10,471**	[2]
			GRAIN SORGHUM			
1986	1,488	2,685	4,173	700	2,532	3,232
1987	1,650	5,725	7,375	1,000	5,787	6,787
1988	**400**	**6,033**	**6,433**	**500**	**4,687**	**5,187**

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[1] Includes stocks at mills, elevators, warehouses, terminals, and processors.
[2] Estimates Discontinued.
[3] Not published to avoid disclosing individual operations.

RECORD LOW POTATO PRODUCTION

Tennessee's potato growers in 1988 dug the fewest Irish potatoes and sweetpotatoes since records began in 1866. This was the result of a combination of drought reduced yields and the lowest acreage harvested on record. Farmers harvested only 1,400 acres of Irish potatoes in 1988 compared with 1,800 in 1987. Sweetpotato acreage remained steady at 800 acres. Total Irish potato and sweetpotato acreage has declined by more than 40 percent since 1983. The most acres ever harvested of Irish potatoes was 56,000 in 1943. The record high sweetpotato acreage was 75,000 in 1932.

Dry weather had a major impact on yields in 1988, even greater than the adversely affected 1987 crop. Irish potato yields in 1988 averaged only a dismal 65 hundredweight per acre, the worst in 30 years. Sweetpotato growers fared slightly better with their crop as they benefitted from ample July and August moisture. The state's average sweetpotato yield was 90 hundredweight per acre. The five-year average yield is 96 hundredweight for Irish potatoes and 109 for sweetpotatoes. The best Irish potato and sweetpotato yields ever were 150 hundredweight per acre in 1985.

Irish potato production in 1988, at 91,000 hundredweight, was down 37 percent from the 144,000 hundredweight dug in 1987. Sweetpotato production, at 72,000 hundredweight, was down 18 percent from 88,000 hundredweight produced in 1987.

IRISH POTATOES: ACREAGE, YIELD, PRODUCTION AND VALUE, TENNESSEE, 1979-88

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price Per Cwt.	Value of Production
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1979	3,300	3,300	105	347	7.95	2,759
1980	2,800	2,800	70	196	7.60	1,490
1981	3,100	3,100	90	279	9.80	2,734
1982	2,700	2,700	95	257	8.50	2,185
1983	2,500	2,500	70	175	8.50	1,488
1984	3,000	3,000	90	270	9.40	2,538
1985	2,500	2,500	150	375	7.60	2,850
1986	2,600	2,600	90	234	9.55	2,235
1987	1,800	1,800	80	144	10.30	1,483
1988	**1,500**	**1,400**	**65**	**91**	**9.45**	**860**

SWEETPOTATOES: ACREAGE, YIELD, PRODUCTION AND VALUE, TENNESSEE, 1979-88

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price Per Cwt.	Value of Production
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1979	2,000	2,000	105	210	11.10	2,331
1980	2,000	2,000	80	160	14.80	2,368
1981	1,800	1,800	80	144	15.20	2,189
1982	1,500	1,500	85	128	10.20	1,306
1983	1,400	1,400	80	112	14.20	1,590
1984	1,000	1,000	95	95	13.90	1,321
1985	1,100	1,100	150	165	11.60	1,914
1986	900	900	110	99	11.70	1,158
1987	800	800	110	88	14.50	1,276
1988	**800**	**800**	**90**	**72**	**16.50**	**1,188**

HIGHEST TOMATO PRICES, PRODUCTION PLATEAUS

Tennessee's fresh market tomato growers received the best prices ever in 1988 and produced the most valuable crop since 1985. The value of Tennessee's tomato crop was 23.2 million dollars, only slightly less than the record 23.9 million dollars enjoyed in the prosperous 1985 crop year.

Tennessee tomato producers, due in part to irrigation and ample July rainfall, marketed an abundant supply in this droughty season. Dry and hot June weather did take it's toll on early season tomatoes. Growers without irrigation reported acreage losses and sharply reduced yields. A total of 300 acres of the state's 4,900 planted was lost due to weather. Tomato production in 1988 totaled 828,000 hundredweight, the same as 1987. Harvested acreage and per acre yields were also the same as 1987. Tennessee is the nation's fourth leading fresh market tomato producing state with about two percent of the national total.

TOMATOES, FRESH MARKET: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Average Price	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dollars/Cwt.	1,000 Dollars
1979	3,900	3,700	100	370	23.20	8,584
1980	3,900	3,700	110	407	21.20	8,628
1981	4,500	4,300	120	516	23.50	12,126
1982	4,500	4,300	125	538	23.10	12,428
1983	4,500	4,200	100	420	20.00	8,400
1984	4,500	4,200	200	840	23.00	19,320
1985	4,700	4,500	280	1,260	19.00	23,940
1986	5,300	5,000	210	1,050	20.00	21,000
1987	4,800	4,600	180	828	23.00	19,044
1988	4,900	4,600	180	828	28.00	23,184

DROUGHT LIMITED PROCESSED SNAPBEAN PRODUCTION

Tennessee farmers harvested more snapbean acreage in 1988 than any year since 1982. Growers harvested 6,000 acres in 1988, compared with 5,400 in 1987 and the five-year average of 5,180. Producers, in attempting to satisfy the increased demand of processors, compensated for summer drought-reduced snapbean production by planting more acreage in the fall. Continued dry, hot weather on the Cumberland Plateau, however, prevented the fall crop from thriving. In 1988, farmers abandoned 600 acres of the 6,600 planted. The 6,000 acres grown produced the lowest yield per acre since the disastrous 1980 crop. The state's average yield of 1.40 tons per acre compares with the 1987 yield of 2.0 tons and the five-year average of 1.93. Processors paid 210 dollars per ton for snapbeans, a dollar per ton less than the record high price paid in 1980 and 1981. The value of Tennessee's 1988 processed snapbean crop was 1.8 million dollars, down 16 percent from 1987.

SNAPBEANS, PROCESSING: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1979-88

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Average Price	Value of Production
	Acres		Tons	Tons	Dollars/Ton	1,000 Dollars
1979	12,200	9,900	1.61	15,940	183.00	2,917
1980	13,700	12,100	1.05	12,710	211.00	2,682
1981	7,800	7,600	2.54	19,300	211.00	4,072
1982	7,400	6,900	2.59	17,870	204.00	3,645
1983	5,300	4,900	1.82	8,920	200.00	1,784
1984	5,400	5,300	2.14	11,340	204.00	2,313
1985	5,200	5,000	2.25	11,250	203.00	2,284
1986	5,700	5,300	1.43	7,580	199.00	1,508
1987	5,700	5,400	2.00	10,800	195.00	2,106
1988	6,600	6,000	1.40	8,400	210.00	1,764

ABOVE AVERAGE APPLE CROP

Apple growers were generally pleased with a 12.5 million pound crop in 1988, despite some weather related problems. The Tennessee apple crop was off from last year's exceptionally large one by 17 percent but value of production was the third highest on record. The season started with a good fruit set that suffered some loss due to frost, particularly in East Tennessee. Later, the extremely dry June weather caused a higher than normal drop and some sizing problems, especially in earlier maturing varieties. Some hail damage was also evident again this year. These weather problems, severe for some producers, contributed to about 1.5 million pounds of apples, either left in the orchard or rendered unmarketable. This 12 percent crop loss compares with the five-year average of 7 percent and matches 1984's loss. The State's 1988 apple crop was valued at 1.7 million dollars compared with 1.9 million in 1987. Producers received an average price of 15.7 cents per pound.

COMMERCIAL APPLES: Production, Price, And Value, Tennessee, 1979-88[1]

Crop Year	Total Production[2]	Utilized Production[3]	Marketing Year Average Price[4]	Value of Production[5]
	Million Pounds		Cents Per Pound	1,000 Dollars
1979	10.0	10.0	14.70	1,470
1980	8.0	7.2	16.40	1,181
1981	11.0	9.5	12.90	1,230
1982	4.5	4.2	17.70	742
1983	8.5	8.2	14.50	1,192
1984	13.0	11.5	16.10	1,846
1985	11.0	10.0	13.60	1,358
1986	9.0	8.5	18.50	1,572
1987	15.0	14.0	14.10	1,880
1988	12.5	11.0	15.70	1,727

[1] "Commercial" refers to the total production in orchards of 100 or more bearing age trees.

[2] Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.

[3] Utilized production is the amount sold plus the quantities used at home or held in storage.

[4] Average for all methods of sale.

[5] Value of production is price times utilized production.

COMMERCIAL APPLES: Orchards, Trees And Production By Size Of Orchard, Tennessee, 1988

Orchard Size	Orchards		Trees		Production		
	Number	Percent Of Total	Number	Percent Of Total	Pounds	Percent Of Total	Pounds Per Tree
100-499	74	46.5	17,476	7.8	1,000,000	8.0	57.2
500-999	29	18.2	19,326	8.7	900,000	7.2	46.6
1,000-2,499	37	23.3	50,354	22.6	2,600,000	20.8	51.6
2,500 and Over	19	12.0	135,946	60.9	8,000,000	64.0	58.8
Total	159	100.0	223,102	100.0	12,500,000	100.0	56.0

PROSPEROUS PEACH YEAR OVERALL

The value of Tennessee's 1988 peach crop was the highest since 1945 due to abundant production and favorable prices. Peach growers rejoiced that their orchards escaped the serious freeze damage that reduced production during 5 of the last 6 years. The sharp increase in supply challenged growers to find markets for their crop. Farmers received an average of 29.7 cents per pound, the second highest price ever. The highest price of 34.6 cents per pound was received for the 1987 crop. The 1988 peach crop was valued at 2.67 million dollars compared with 865,000 dollars in 1987.

Peach producers contended with the same weather related problems faced by all Tennessee farmers. The early seasons' severe heat coupled with drought reduced fruit size, complicated harvesting and created marketing problems. Many farmers had early, mid-season and late varieties maturing at the same time or closer than normal intervals. This disturbed normal marketing practices and created short-term labor shortages.

Peach production in 1988 totaled 11.0 million pounds of which 9.0 was sold or used on the farm (utilized production). Tennessee growers normally have marketed 8 to 10 million pounds during years where spring freeze damage is not a factor. As with apples, more fruit than normal was not marketed and the reason was again weather related. A total of 2.0 million pounds of peaches were either not harvested or harvested and not sold due to various factors but mainly weather. This 18 percent crop loss compared with 4 percent normally.

COMMERCIAL PEACHES: Production, Price, And Value, Tennessee 1979-88[1]

Crop Year	Total Production[2]	Utilized Production[3]	Marketing Year Average Price[4]	Value of Production[5]
	Million Pounds		Cents Per Pound	1,000 Dollars
1979	8.5	8.5	16.00	1,360
1980	8.4	8.4	17.80	1,495
1981	10.0	9.5	18.50	1,758
1982	1.5	1.5	25.00	375
1983	4.0	4.0	22.00	880
1984	10.0	9.0	21.00	1,890
1985	[6]	[6]	[6]	[6]
1986	4.0	3.7	24.00	888
1987	2.6	2.5	34.60	865
1988	**11.0**	**9.0**	**29.70**	**2,673**

[1] "Commercial" refers to the total production in orchards of 100 or more bearing age trees.

[2] Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.

[3] Utilized production is the amount sold plus the quantities used at home or held in storage.

[4] Average for all methods of sale.

[5] Value of production is price times utilized production.

[6] No significant production due to frost.

COMMERCIAL PEACHES: Orchards, Trees And Production By Size Of Orchard, Tennessee, 1988

Orchard Size	Orchards		Trees		Production		
	Number	Percent Of Total	Number	Percent Of Total	Pounds	Percent Of Total	Pounds Per Tree
100-499	46	39.0	11,350	5.5	700,000	6.4	61.7
500-999	26	22.0	17,085	8.4	700,000	6.4	41.0
1,000-2,499	23	19.5	37,777	18.5	2,100,000	19.1	55.6
2,500 and Over	23	19.5	138,184	67.6	7,500,000	68.1	54.3
Total	118	100.0	204,396	100.0	11,000,000	100.0	53.8

FLORICULTURE: PRODUCTION AND VALUE, TENNESSEE, 1984-88

Crop Year	Producers [1]	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale [2]
	Number	1,000 Square Feet	1,000	Percent	Dollars	1,000 Dollars
CHRYSANTHEMUMS, HARDY (POTTED)						
1984	12	274	630	100	54.7	345
1985	8	137	882	100	53.8	475
1986	12	141	831	100	50.6	420
1987	11	125	824	100	44.1	363
1988	**10**	**251**	**1,151**	**81**	**43.4**	**500**
CHRYSANTHEMUMS, EXCLUDING HARDY (POTTED)[3]						
1984	21	192	310	96	3.24	1,004
1985	20	154	181	95	3.44	623
1986	23	180	235	98	3.46	813
1987	30	265	252	90	3.27	824
1988	**22**	**201**	**233**	**95**	**3.69**	**859**
CHRYSANTHEMUMS, HARDY (POTTED)						
1984	[4]	[4]	[4]	[4]	[4]	[4]
1985	47	269	282	74	1.72	485
1986	44	317	186	76	1.71	318
1987	59	338	287	75	1.49	428
1988	**52**	**290**	**321**	**80**	**1.87**	**600**
EASTER LILIES (POTTED)						
1984	20	129	112	97	3.73	418
1985	19	134	103	98	3.79	390
1986	20	63	75	98	3.77	283
1987	27	74	91	90	3.63	349
1988	**23**	**69**	**78**	**95**	**3.88**	**303**
FINISHED FLORIST AZALEAS (POTTED)						
1984	[4]	[4]	[4]	[4]	[4]	[4]
1985	[4]	[4]	[4]	[4]	[4]	[4]
1986	16	81	46	97	6.54	301
1987	21	81	76	90	6.24	474
1988	**22**	**58**	**92**	**58**	**6.74**	**620**
POINSETTIAS (POTTED)						
1984	41	712	443	92	4.14	1,834
1985	69	890	583	87	3.17	1,848
1986	77	988	609	89	3.36	2,046
1987	91	1,179	644	82	3.54	2,277
1988	**90**	**888**	**693**	**85**	**3.83**	**2,652**
FLOWERING HANGING BASKETS						
1984	[4]	[4]	[4]	[4]	[4]	[4]
1985	77	[4]	322	92	5.00	1,610
1986	91	[4]	278	87	4.63	1,287
1987	130	[4]	382	81	4.80	1,834
1988	**111**	**[4]**	**242**	**86**	**5.94**	**1,437**

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[1] Number of growers with sales over $10,000.

[2] Equivalent wholesale value of combined retail and wholesale sales.

[3] Includes only those sold for indoor and patio use.

[4] Not available.

FLORICULTURE: PRODUCTION AND VALUE, TENNESSEE, 1984-88

Crop Year	Producers [1]	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale [2]
	Number	1,000 Square Feet	1,000	Percent	Dollars	1,000 Dollars
FOLIAGE HANGING BASKETS						
1984	[3]	[3]	[3]	[3]	[3]	[3]
1985	54	[3]	163	94	4.88	795
1986	72	[3]	170	88	4.99	848
1987	110	[3]	265	81	5.68	1,505
1988	**96**	**[3]**	**208**	**87**	**5.86**	**1,219**
FOLIAGE PLANTS (POTTED)						
1984	[3]	[3]	[3]	[3]	[3]	[3]
1985	34	200	[3]	78	[3]	851
1986	35	115	[3]	84	[3]	400
1987	40	177	[3]	84	[3]	749
1988	**40**	**253**	**[3]**	**80**	**[3]**	**715**
BEDDING GERANIUMS (FLATS)						
1984	[3]	[3]	[3]	[3]	[3]	[3]
1985	27	82	48	69	6.55	314
1986	33	108	54	71	7.31	395
1987	30	270	105	90	6.95	730
1988	**32**	**278**	**105**	**90**	**5.85**	**614**
BEDDING GERANIUMS FROM CUTTINGS (POTTED)						
1984	[3]	[3]	[3]	[3]	[3]	[3]
1985	64	258	639	81	1.18	754
1986	61	169	307	76	1.37	421
1987	90	322	519	64	1.41	732
1988	**77**	**283**	**398**	**58**	**1.65**	**652**
BEDDING GERANIUMS FROM SEED (POTTED)						
1984	[3]	[3]	[3]	[3]	[3]	[3]
1985	25	64	203	84	1.01	205
1986	36	151	349	73	1.06	370
1987	61	200	453	76	1.14	517
1988	**64**	**149**	**340**	**75**	**.99**	**338**
BEDDING/GARDEN VEGETABLE (FLATS)						
1984	35	230	118	70	6.03	712
1985	83	393	332	62	5.18	1,720
1986	85	382	215	69	4.90	1,054
1987	115	475	259	51	5.29	1,370
1988	**115**	**396**	**173**	**70**	**5.53**	**957**
VEGETABLE TYPE BEDDING PLANTS (POTTED)						
1984	[3]	[3]	[3]	[3]	[3]	
1985	20	48	104	85	.85	88
1986	21	22	39	50	.73	28
1987	38	52	103	51	.80	82
1988	**29**	**42**	**89**	**65**	**.53**	**47**

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[1] Number of growers with sales over $10,000.
[2] Equivalent wholesale value of combined retail and wholesale sales.
[3] Not available.

PASTURE CONDITION: TENNESSEE, 1979-1988[1]

Year	May	June	July	Aug.	Sep.	Oct.	Nov.
1979	89	94	91	95	93	93	88
1980	89	94	79	60	50	51	57
1981	89	89	91	89	88	85	82
1982	85	87	80	82	88	88	84
1983	81	93	91	70	47	47	60
1984	85	91	77	83	85	60	78
1985	84	86	86	72	85	81	85
1986	72	75	72	66	72	79	81
1987	83	79	78	75	69	75	67
1988	**81**	**76**	**24**	**42**	**56**	**75**	**84**
10 Yr. Avg.	84	86	77	73	73	73	77

[1] Good to excellent, 80 and over; poor to fair, 65-79; very poor, 50-64; severe drought, 35-49; extreme drought, under 35.

Livestock, Dairy, and Poultry

TENNESSEE LIVESTOCK SUMMARY

Farm value of Tennessee's livestock and poultry inventories at the close of 1988 totaled $1,257,173, up 10 percent from a year earlier. Cattle and sheep increased in value per head, hogs decreased in value while chickens remained unchanged from a year ago. Cattle numbers remained the same as a year ago. Hog numbers increased while sheep and poultry numbers decreased.

All cattle and calves in Tennessee on January 1, 1989 totaled 2.3 million head, unchanged from a year ago but 4 percent less than two years ago. This is the first time since 1984 that inventory level has not declined from the previous year. All cows that had calved at 1.24 million head, were up 4 percent from last year. Beef cows were up 5 percent but milk cows declined 1 percent. All heifers totaled 275,000 head, down 4 percent and the lowest total for this category since records were started in 1974. Steers weighing over 500 pounds declined 11 percent while bulls remained unchanged.

Tennessee's 1988 calf crop totaled 1.1 million head, up 3 percent from 1987 but down 1 percent from 1986. The average value per head for all cattle and calves increased from $465 to $515. Despite higher prices received for cattle and calves, a decrease in marketings resulted in cash receipts totaling $528 million, down 5 percent from 1987.

Hogs and pigs on Tennessee farms as of December 1, 1988 numbered 1,050,000 head, compared with 820,000 head in 1987. After two years of record low levels of breeding stock, hogs and pigs kept for breeding increased to 160,000 head. This compares with 117,000 a year earlier. The pig crop for 1988 totaled 1.7 million head, compared with 1.2 million head in 1987. The December-May pig crop of 799,000 head was 33 percent above the comparable period in 1987. Sows farrowed during this period totaled 105,000 head. During the June-August period, the pig crop totaled 938,000 head from 125,000 sows. Cash receipts from hogs and pigs totaled $133 million compared with $134 million in 1987.

The number of chickens, excluding commercial broilers, on Tennessee farms on December 1, 1988 was 2.07 million, down 36 percent from the previous year. Cash receipts totaled $628,000 compared with $660,000 in 1987. The average value per head was $1.25, unchanged from a year ago.

All sheep and lambs in Tennessee on January 1, 1989 totaled 10,000 head down 17 percent from a year earlier. Cash receipts from sheep and lambs in 1988 totaled $558,000. The average value per head increased to $78.50, up from $73.00 the previous year.

LIVESTOCK AND POULTRY FARMS: TENNESSEE, 1982-88

Year	Cattle	Dairy	Hogs	Sheep	Chickens
		1,000 Farms			
1982	77	8.5	23	.400	8.0
1983	77	8.5	22	.430	7.5
1984	76	7.0	22	.450	7.5
1985	76	6.7	21	.470	7.3
1986	74	6.4	18	.470	[1]
1987	70	6.2	15	.550	[1]
1988	**68**	**5.6**	**16**	**.550**	[1]

[1] Discontinued.

LIVESTOCK ON FARMS: TENNESSEE, JANUARY 1, 1988-89

Class of Livestock or Poultry	Number 1988	Number 1989	Farm Value Per Head 1988	Farm Value Per Head 1989	Total Farm Value 1988	Total Farm Value 1989
	1,000 Head		Dollars		1,000 Dollars	
All Cattle & Calves	2,300	**2,300**	465.00	**515.00**	1,069,500	**1,184,500**
Hogs and Pigs[1]	820	**1,050**	79.50	**66.00**	65,190	**69,300**
Sheep and Lambs	12	**10**	73.00	**78.50**	876	**785**
Chickens[1] [2]	3,250	**2,070**	1.25		4,063	**2,588**
Total	—	—	—	—	1,139,629	**1,257,173**

[1] December 1 previous year. [2] Does not include commercial broilers.

LIVESTOCK BY CLASS: TENNESSEE, JANUARY 1, 1984-89

Classes	1984	1985	1986	1987	1988	1989
			1,000 Head			
All Cows that have Calved	1,360	1,260	1,250	1,230	1,190	**1,240**
Beef Cows	1,146	1,050	1,040	1,027	986	**1,038**
Milk Cows	214	210	210	203	204	**202**
Heifers 500 Pounds and Over	380	320	345	310	285	**275**
For Beef Cow Replacement	215	170	190	175	165	**150**
For Milk Cow Replacement	95	90	100	85	75	**80**
Other Heifers	70	60	55	50	45	**45**
Steers 500 Pounds and Over	160	165	165	155	140	**125**
Bulls 500 Pounds and Over	75	65	65	60	60	**60**
Heifers, Steers, and Bulls under 500 Pounds	775	725	675	645	625	**600**
All Cattle and Calves	2,750	2,535	2,500	2,400	2,300	**2,300**
All Hogs and Pigs[1]	950	1,100	950	770	820	**1,050**
Ewes 1 year old and over	4.8	6.8	7.7	8.7	8.9	**8.1**
Ewe Lambs	.5	.8	.8	2.3	1.7	**0.8**
Other Stock Sheep	.7	1.4	1.5	2.0	1.4	**1.1**
All Sheep & Lambs	6	9	10	13	12	**10**
Hens and Pullets of Laying Age[1]	3,000	3,200	2,680	2,585	2,470	**1,730**
Other Pullets[1]	790	780	[2]	815	700	**280**
Other Chickens[1]	110	120	[2]	100	80	**60**
All Chickens[1] [3]	3,900	4,100	3,300	3,500	3,250	**2,070**

[1] December 1 previous year. [2] Not published to avoid disclosure of individual operations. [3] Does not include commercial broilers.

CATTLE

CATTLE AND CALVES: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1983-89

Year	All Cattle and Calves January 1	Calves Born	Inshipments	Marketing[2]		Slaughter on Farms Cattle and Calves	Deaths	
				Cattle	Calves		Cattle	Calves
				1,000 Head				
1983	2,675	1,220	148	688	458	5	42	100
1984	2,750	1,160	216	1,027	426	3	40	95
1985	2,535	1,120	241	893	360	3	40	100
1986	2,500	1,140	286	970	414	2	45	95
1987	2,400	1,100	359	995	433	6	35	90
1988	2,300	1,130	220	863	362	5	35	85
1989	2,300[1]							

Year	Production[3]	Marketings[4]	Price Per Cwt.		Cash Receipts[5]	Value of Home Consumption	Gross Income
			Cattle	Calves			
	1,000 Pounds		Dollars		1,000 Dollars		
1983	766,950	755,440	45.40	55.90	355,095	12,867	367,962
1984	780,125	1,048,255	44.60	54.10	477,099	9,725	486,824
1985	798,765	934,025	44.50	56.50	425,838	9,404	435,242
1986	764,235	991,795	42.50	56.30	435,028	9,026	444,054
1987	743,755	1,026,870	52.20	72.60	557,032	8,865	565,897
1988	775,230	887,270	57.00	83.30	528,344	8,514	536,858

[1] Preliminary.

[2] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

[3] Adjustments made for changes in inventory and for inshipments.

[4] Excludes interfarm sales within the State and custom slaughter on farms where produced.

[5] Receipts from marketing and sale of farm slaughter.

CATTLE AND CALVES: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1983-88

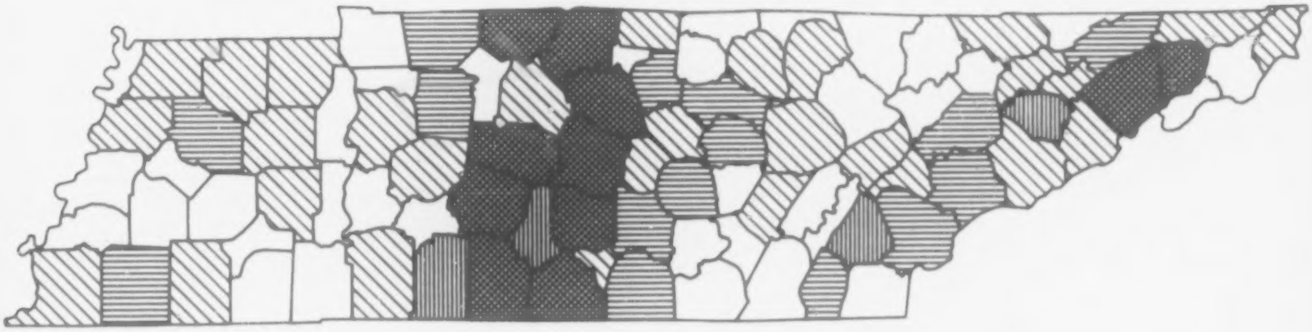
DOLLARS PER CWT.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						BEEF CATTLE							
1983	46.60	49.40	50.90	50.40	49.60	48.30	45.80	42.70	42.60	42.60	41.30	42.10	45.40
1984	42.80	46.30	47.60	46.80	45.30	43.60	44.30	45.70	43.80	42.70	43.20	45.10	44.60
1985	43.90	45.50	46.70	49.50	47.40	45.50	41.30	42.80	42.60	42.60	43.80	40.80	44.50
1986	42.00	43.30	44.20	41.70	39.70	41.20	40.20	42.80	44.50	43.60	42.50	43.80	42.50
1987	45.90	48.60	50.40	52.40	50.40	52.90	52.90	56.30	57.00	54.40	52.40	52.10	52.20
1988	54.70	57.00	58.40	57.40	57.90	51.40	52.70	58.50	58.20	60.50	57.00	60.30	57.00
						ALL COWS							
1983	37.50	39.50	40.30	40.10	41.70	40.10	39.80	35.70	34.20	33.60	33.10	32.60	36.70
1984	33.80	38.30	40.50	39.30	38.90	37.20	36.60	37.50	34.40	34.50	32.90	33.30	36.20
1985	36.60	37.00	38.00	37.60	38.90	36.30	34.30	34.20	32.70	31.70	32.00	33.00	35.20
1986	33.40	35.40	34.90	32.20	32.90	34.90	33.20	33.80	35.10	34.30	33.50	33.70	33.90
1987	37.70	39.10	40.40	42.20	42.50	42.60	41.70	41.10	42.40	42.10	41.10	44.10	41.30
1988	44.50	46.10	45.80	48.80	46.60	41.10	43.30	45.30	43.60	42.60	43.20	43.40	44.20
						STEERS AND HEIFERS							
1983	54.30	57.80	59.00	59.10	57.10	55.60	51.90	49.20	49.30	48.90	49.50	52.00	53.00
1984	53.00	56.60	55.40	54.10	52.70	50.50	51.40	52.80	50.80	50.90	52.00	52.90	52.50
1985	54.00	56.40	55.60	57.80	56.00	53.70	50.00	51.90	50.00	51.10	51.90	50.80	53.40
1986	51.80	53.00	52.30	50.00	48.10	49.30	50.10	52.40	53.70	52.50	51.80	53.90	51.70
1987	54.90	58.60	59.70	62.40	62.10	65.80	65.20	68.90	69.90	64.90	64.70	65.50	63.60
1988	68.40	71.40	71.90	70.90	71.90	67.10	67.70	71.80	72.40	72.40	71.00	73.80	71.10
						CALVES							
1983	58.00	63.20	63.40	63.70	62.00	57.30	55.20	50.80	50.30	51.20	53.20	53.60	55.90
1984	55.30	58.60	57.70	57.80	55.60	52.30	52.70	55.30	51.60	52.20	53.40	51.00	54.10
1985	56.30	58.30	58.90	60.30	59.70	56.70	53.60	57.30	54.80	54.60	55.90	53.40	56.50
1986	55.90	59.30	57.70	55.40	51.40	53.30	55.80	56.50	59.20	57.50	55.70	56.00	56.30
1987	60.30	65.70	67.20	70.50	72.80	75.00	74.90	78.60	79.70	72.00	75.60	76.20	72.60
1988	81.20	87.00	87.70	90.30	87.80	76.70	81.70	84.10	81.40	81.10	81.50	81.90	83.30

[1] Marketing year January 1 to December 31. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month during the marketing year.

TENNESSEE
CATTLE AND CALVES

January 1, 1989



HEAD

- ▩ 50,000 and Over
- ▥ 40,000-49,999
- ▤ 30,000-39,999
- ▧ 15,000-29,999
- □ Under 15,000

TOP FIVE COUNTIES	
1. GREENE	82,000
2. LINCOLN	74,000
3. MAURY	66,000
4. GILES	65,000
5. RUTHERFORD	61,000

CATTLE AND CALVES: TENNESSEE, BY COUNTIES, JANUARY 1, 1988-89[1]

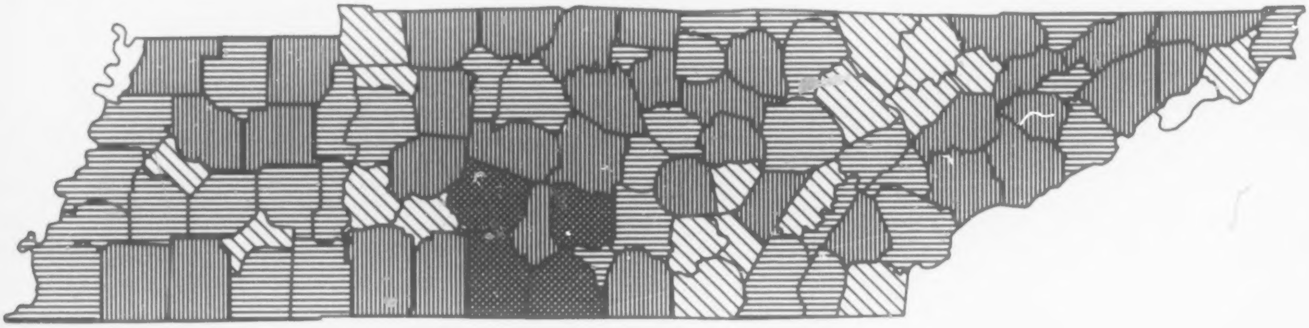
District & County	1988 Number	1989 Number	Rank
Dyer	16,000	16,500	54
Lake	200	300	95*
Lauderdale	14,000	14,500	61
Obion	25,000	26,000	33*
Shelby	16,000	16,000	55*
Tipton	14,800	14,700	60
District 1	86,000	88,000	
Benton	9,000	10,000	76*
Carroll	18,000	18,000	52
Chester	8,000	8,000	85*
Crockett	8,500	8,500	81*
Decatur	13,400	14,000	62
Fayette	30,400	31,000	25*
Gibson	28,900	30,000	28*
Hardeman	16,400	15,000	57*
Hardin	12,500	13,000	63*
Haywood	7,500	7,500	87*
Henderson	22,000	22,000	41*
Henry	25,500	26,000	33*
McNairy	11,400	11,500	69
Madison	13,000	12,500	67
Weakley	18,500	19,000	49*
District 2	243,000	246,000	
Cheatham	11,000	11,000	70*
Dickson	33,000	33,000	22
Hickman	21,500	21,000	43
Houston	7,500	8,500	81*
Humphreys	19,000	19,000	49*
Lawrence	50,000	47,000	13
Lewis	6,000	6,000	92
Montgomery	34,500	35,000	21
Perry	7,500	7,500	87*
Robertson	58,000	58,000	7
Stewart	9,500	9,000	79*
Wayne	20,500	20,000	44*
District 3	278,000	275,000	
Bedford	59,000	60,000	6
Cannon	23,000	24,000	37*
Clay	13,000	13,000	63*
Davidson	18,500	18,500	51
DeKalb	17,500	17,500	53
Giles	65,000	65,000	4
Jackson	12,000	11,000	70*
Lincoln	75,000	74,000	2
Macon	23,500	23,000	39*
Marshall	48,000	49,000	12
Maury	66,000	66,000	3
Moore	20,500	20,000	44*
Rutherford	60,000	61,000	5
Smith	37,000	38,000	19*
Sumner	51,000	50,000	10*
Trousdale	12,000	11,000	70*
Williamson	57,000	56,000	8
Wilson	53,000	51,000	9
District 4	711,000	708,000	
Bledsoe	24,500	24,500	36
Coffee	30,000	30,000	28*
Cumberland	21,000	20,000	44*
Fentress	16,000	15,000	57*
Franklin	30,500	32,000	23
Grundy	7,500	7,500	87*
Marion	8,400	8,500	81*
Morgan	8,000	7,500	87*
Overton	23,000	22,000	41*
Pickett	8,000	9,000	79*
Putnam	28,000	31,000	25*
Scott	4,800	5,000	93
Sequatchie	7,700	8,000	85*
Van Buren	11,000	10,000	76*
Warren	35,600	37,000	17*
White	37,000	38,000	19*
District 5	301,000	303,000	
Anderson	11,000	11,000	70*
Blount	37,000	37,000	17*
Bradley	29,000	30,000	28*
Campbell	8,500	8,500	81*
Carter	12,000	12,000	68
Claiborne	28,000	28,000	31
Cocke	20,000	20,000	44*
Grainger	24,000	23,000	39*
Greene	84,000	82,000	1
Hamblen	24,000	24,000	37*
Hamilton	12,000	13,000	63*
Hancock	13,000	13,000	63*
Hawkins	37,000	38,000	16
Jefferson	41,000	42,000	15
Johnson	16,000	16,000	55*
Knox	31,000	31,000	25*
Loudon	21,000	20,000	44*
McMinn	44,000	44,000	14
Meigs	10,000	11,000	70*
Monroe	32,000	31,500	24
Polk	11,000	11,000	70*
Rhea	10,000	10,000	76*
Roane	15,000	15,000	57*
Sevier	24,000	25,000	35
Sullivan	27,000	27,000	32
Unicoi	1,500	1,500	94
Union	8,000	7,500	87*
Washington	50,000	50,000	10*
District 6	681,000	682,000	
STATE	2,400,000	2,300,000	

[1] 1988 Final; 1989 Preliminary.

*Tied.

TENNESSEE BEEF COWS

January 1, 1989



HEAD

- ▩ 30,000 and Over
- ▥ 10,000-29,999
- ▤ 5,000-9,999
- ▧ 1,000-4,999
- ☐ Under 1,000

TOP FIVE COUNTIES

1.	LINCOLN	31,000
2.	GILES	30,500
3.	BEDFORD	30,000
3.	MAURY	30,000
5.	GREENE	27,000
5.	RUTHERFORD	27,000
5.	WILLIAMSON	27,000

BEEF COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1988-89[1]

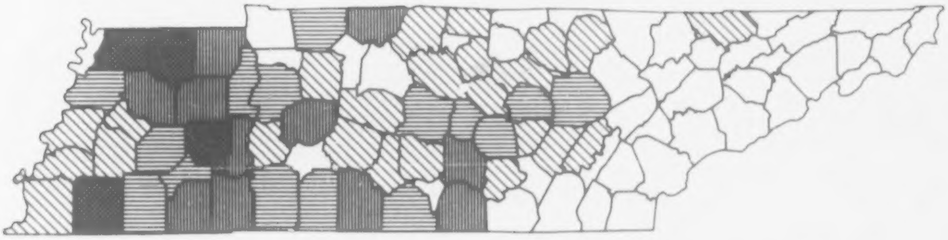
District & County	1988 Number	1989 Number	Rank
Dyer	7,500	7,700	60
Lake	100	100	95
Lauderdale	6,300	7,300	61
Obion	11,300	14,400	25
Shelby	8,800	9,300	44
Tipton	8,000	8,200	51
District 1	42,000	47,000	
Benton	4,400	5,600	71
Carroll	10,000	10,500	36*
Chester	3,200	3,500	85*
Crockett	4,400	4,500	79*
Decatur	8,000	9,000	45
Fayette	15,000	17,000	18
Gibson	11,500	13,500	26
Hardeman	10,400	10,500	36*
Hardin	6,000	7,000	62*
Haywood	5,000	5,500	72*
Henderson	9,000	9,600	41
Henry	13,200	15,000	23
McNairy	5,700	6,100	66*
Madison	6,200	6,200	65
Weakley	8,000	8,500	48*
District 2	120,000	132,000	
Cheatham	5,500	6,000	68*
Dickson	17,000	18,000	16*
Hickman	10,000	10,000	39*
Houston	4,000	4,800	76
Humphreys	8,700	8,700	46
Lawrence	19,500	19,000	12*
Lewis	3,500	3,500	85*
Montgomery	17,400	18,500	15
Perry	3,500	3,500	85*
Robertson	22,900	24,000	10
Stewart	4,500	4,500	79*
Wayne	10,500	10,500	36*
District 3	127,000	131,000	
Bedford	26,500	30,000	3*
Cannon	7,500	8,100	52*
Clay	6,000	6,000	68*
Davidson	8,000	8,100	52*
DeKalb	7,900	8,100	52*
Giles	27,700	30,500	2
Jackson	8,900	8,300	50
Lincoln	30,700	31,000	1
Macon	11,400	11,000	34*
Marshall	16,500	16,500	19
Maury	30,000	30,000	3*
Moore	8,400	8,600	47
Rutherford	24,000	27,000	5*
Smith	19,000	19,000	12*
Sumner	25,000	25,000	9
Trousdale	6,500	6,100	66*
Williamson	27,000	27,000	5*
Wilson	27,000	26,700	8
District 4	318,000	327,000	
Bledsoe	10,000	12,000	32
Coffee	8,000	8,000	55*
Cumberland	9,500	9,500	42
Fentress	8,000	8,000	55*
Franklin	12,000	13,000	28*
Grundy	3,400	3,400	89
Marion	2,800	3,000	90
Morgan	3,900	4,000	83
Overton	9,800	10,000	39*
Pickett	4,500	5,500	72*
Putnam	13,000	16,000	20*
Scott	2,000	2,500	91
Sequatchie	3,000	3,500	85*
Van Buren	4,800	4,600	78
Warren	17,300	20,000	11
White	13,000	13,000	28*
District 5	125,000	136,000	
Anderson	4,700	4,700	77
Blount	14,000	14,500	24
Bradley	9,200	9,500	42*
Campbell	1,700	2,000	92*
Carter	3,700	3,700	84
Claiborne	13,400	13,400	27
Cocke	7,900	7,900	58
Grainger	11,000	11,000	34*
Greene	26,500	27,000	5*
Hamblen	7,800	7,800	59
Hamilton	5,200	6,000	68*
Hancock	7,000	7,000	62*
Hawkins	17,300	19,000	12*
Jefferson	16,000	18,000	16*
Johnson	5,500	5,500	72*
Knox	14,300	16,000	20*
Loudon	8,000	8,000	55*
McMinn	12,000	13,000	28*
Meigs	4,200	5,000	75
Monroe	8,800	8,500	48*
Polk	2,000	2,000	92*
Rhea	4,500	4,500	79*
Roane	6,400	6,400	64
Sevier	10,500	11,500	33
Sullivan	12,100	12,300	31
Unicoi	600	600	94
Union	4,500	4,200	82
Washington	15,200	16,000	20*
District 6	254,000	265,000	
STATE	986,000	1,038,000	

[1] 1988 Final; 1989 Preliminary.

*Tied

TENNESSEE
HOGS AND PIGS

December 1, 1988



TOP FIVE COUNTIES:

1. WEAKLEY	82,000
2. HENDERSON	49,000
3. OBION	46,700
4. FAYETTE	44,000
5. FRANKLIN	37,000

HOGS AND PIGS: NUMBER ON FARMS, DECEMBER 1, 1982-88

Year	Dec. 1 Inventory	Breeding	Market	Market Under 60 lbs.	Market 60-119 lbs.	Market 120-179 lbs.	Market 180 + lbs.
				1,000 Head			
1982	750	130	620	229	191	115	85
1983	950	140	810	330	210	135	135
1984	1,100	150	950	330	240	180	200
1985	950	130	820	290	200	170	160
1986	770	115	655	242	165	123	125
1987	820	117	703	241	186	144	132
1988	**1,050**	**160**	**890**	**380**	**210**	**160**	**150**

PIG CROP: SOWS FARROWED AND PIGS SAVED, TENNESSEE 1982-88

	December-May Farrowings			June-November Farrowings		
Year	Sows	Pigs Per Litter	Pigs Saved	Sows	Pigs Per Litter	Pigs Saved
	1,000 Head	Number	1,000 Head	1,000 Head	Number	1,000 Head
1982	100	7.3	730	95	7.0	665
1983	100	7.1	710	120	7.0	840
1984	90	7.4	666	130	7.3	949
1985	95	7.5	713	94	7.6	714
1986	95	7.6	722	92	7.3	672
1987	82	7.3	599	85	7.6	646
1988	**105**	**7.6**	**799**	**125**	**7.5**	**938**

SWINE

HOGS AND PIGS: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1984-88

Year	All Hogs[1]	Total Pig Crop		Inshipments	Marketings[3]	Slaughter on Farms	Deaths
		Sows Farrowing	Pig Crop				
			1,000 Head				
1984	950	220	1,615	109	1,399	60	115
1985	1,100	189	1,427	173	1,595	55	100
1986	950	187	1,394	191	1,625	50	90
1987	820	162	1,207	164	1,231	50	60
1988[2]	1,050	230	1,737	103	1,403	50	80

Year	Production[4]	Marketings[5]	Price Per 100 Pounds	Cash Receipts[6]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars		
1984	344,914	300,438	47.10	147,137	10,470	157,607
1985	344,217	353,352	43.20	158,461	8,927	167,388
1986	340,418	354,797	45.70	169,417	8,436	177,853
1987	260,591	244,001	50.40	131,555	9,337	140,892
1988	348,246	307,485	41.60	132,878	8,892	141,770

[1] December 1 preceeding year.

[2] Preliminary.

[3] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

[4] Adjustments made for changes in inventory and for inshipments.

[5] Excludes interfarm sales within the State and custom slaughter on farms where produced.

[6] Receipts from marketing and sale of farm slaughter.

HOGS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1983-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						Dollars Per Cwt.							
1983	54.60	55.70	50.00	46.10	45.80	44.50	43.90	46.30	43.30	39.90	38.10	43.40	46.70
1984	48.20	45.30	45.10	47.10	47.30	48.70	52.30	50.90	46.20	43.40	46.90	47.60	47.10
1985	47.10	47.70	43.00	41.00	41.10	43.60	44.90	41.50	39.60	41.50	41.70	44.10	43.20
1986	43.20	42.00	39.00	39.20	44.30	50.70	57.60	61.10	57.60	52.50	51.40	49.80	45.70
1987	46.90	47.20	46.20	49.90	53.70	57.80	59.10	58.20	53.80	48.10	40.10	40.00	50.40
1988	42.80	45.10	41.40	40.80	45.30	45.80	42.70	43.80	38.60	38.10	35.40	36.80	41.60

[1] Marketing year is December through November. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.

HOGS AND PIGS: TENNESSEE, BY COUNTIES, DECEMBER 1, 1987-88[1]

District & County	1987 Number	1988 Number	Rank
Dyer	10,700	11,000	28*
Lake	300	400	94*
Lauderdale	6,000	7,600	40
Obion	36,000	46,700	3
Shelby	4,500	5,100	52
Tipton	5,500	7,200	43
District 1	63,000	78,000	
Benton	8,000	13,000	23*
Carroll	27,000	31,000	8
Chester	10,000	12,000	27
Crockett	5,500	6,500	46
Decatur	18,000	25,000	11*
Fayette	31,000	44,000	4
Gibson	37,000	36,000	6
Hardeman	8,000	11,000	28*
Hardin	22,500	25,000	11*
Haywood	6,000	7,500	41*
Henderson	43,000	49,000	2
Henry	20,000	26,000	10
McNairy	25,500	35,000	7
Madison	9,500	13,000	23*
Weakley	59,000	82,000	1
District 2	330,000	416,000	
Cheatham	4,000	4,500	58*
Dickson	6,000	7,000	44*
Hickman	15,500	21,500	14*
Houston	3,000	4,000	60*
Humphreys	11,500	14,000	20*
Lawrence	9,000	13,000	23*
Lewis	3,500	4,500	58*
Montgomery	14,000	16,000	19
Perry	9,000	8,500	34*
Robertson	17,500	22,000	13
Stewart	3,500	4,000	60*
Wayne	14,500	14,000	20*
District 3	111,000	133,000	
Bedford	8,000	8,500	34*
Cannon	9,500	13,000	23*
Clay	3,500	3,800	62*
Davidson	1,100	1,000	87*
DeKalb	3,500	5,200	51
Giles	20,000	26,500	9
Jackson	2,800	2,500	68*
Lincoln	14,000	18,000	16*
Macon	5,500	7,000	44*
Marshall	5,000	5,000	53*
Maury	8,100	8,000	37*
Moore	2,300	3,000	65*
Rutherford	13,100	13,500	22*
Smith	7,500	8,000	37*
Sumner	8,400	9,500	31*
Trousdale	1,000	1,000	87*
Williamson	6,500	8,000	37*
Wilson	7,200	8,500	34*
District 4	127,000	150,000	
Bledsoe	4,000	5,500	48*
Coffee	15,000	21,500	14*
Cumberland	9,000	11,000	28*
Fentress	6,000	5,500	48*
Franklin	31,000	37,000	5
Grundy	4,000	5,500	48*
Marion	3,500	3,000	65*
Morgan	2,000	2,500	68*
Overton	8,500	9,500	31*
Pickett	1,500	2,000	74*
Putnam	7,000	9,000	33
Scott	1,500	2,000	74*
Sequatchie	1,000	1,500	82
Van Buren	7,500	7,500	41*
Warren	17,000	17,000	18
White	14,500	18,000	16*
District 5	133,000	158,000	
Anderson	3,000	3,400	64
Blount	4,200	4,800	56
Bradley	1,800	1,900	76*
Campbell	700	1,000	87*
Carter	1,000	1,100	85*
Claiborne	3,500	5,000	53*
Cocke	1,700	1,900	76*
Grainger	1,000	1,000	87*
Greene	4,300	4,900	55
Hamblen	2,300	2,200	72*
Hamilton	3,200	3,800	62*
Hancock	1,100	1,400	83*
Hawkins	1,700	1,900	76*
Jefferson	3,500	4,600	57
Johnson	700	700	92
Knox	1,700	1,900	76*
Loudon	2,500	2,400	71
McMinn	1,800	2,600	67
Meigs	400	600	93
Monroe	2,600	2,500	68*
Polk	1,300	1,600	81
Rhea	4,500	6,100	47
Roane	1,900	2,100	73
Sevier	2,000	1,900	76*
Sullivan	700	800	91
Unicoi	400	400	94*
Union	1,000	1,100	85*
Washington	1,500	1,400	83*
District 6	56,000	65,000	
STATE	820,000	1,000,000	

[1] 1987 Final; 1988 Preliminary.

*Tied.

HOGS AND PIGS FOR BREEDING: TENNESSEE, BY COUNTIES, DECEMBER 1, 1987-88[1]

District & County	1987 Number	1988 Number	Rank
Dyer	1,300	1,400	36*
Lake	[2]	[2]	95
Lauderdale	1,000	1,200	43*
Obion	3,900	5,300	5
Shelby	800	900	53
Tipton	700	1,000	49*
District 1	7,700	9,800	
Benton	1,000	1,600	31
Carroll	3,700	4,700	7
Chester	1,300	1,700	29*
Crockett	800	1,000	49*
Decatur	2,800	3,600	10
Fayette	4,400	6,300	2
Gibson	4,400	4,900	6
Hardeman	1,400	1,900	26
Hardin	2,700	3,400	13
Haywood	800	1,100	46*
Henderson	4,600	6,100	3
Henry	2,600	3,500	11
McNairy	3,100	4,600	8
Madison	1,600	2,100	24
Weakley	6,200	10,000	1
District 2	41,400	56,500	
Cheatham	800	800	55*
Dickson	1,000	1,300	39
Hickman	1,900	2,700	16
Houston	500	600	65*
Humphreys	1,600	2,100	25
Lawrence	2,300	2,600	18
Lewis	600	700	60*
Montgomery	2,000	2,300	21
Perry	1,300	1,400	36*
Robertson	1,800	2,700	17
Stewart	700	700	60*
Wayne	2,200	2,400	19
District 3	16,700	20,300	
Bedford	1,100	1,200	43*
Cannon	1,400	2,200	22
Clay	700	700	60*
Davidson	200	200	86*
DeKalb	600	1,000	48
Giles	2,600	4,100	9
Jackson	600	600	65*
Lincoln	2,300	2,800	15
Macon	1,000	1,300	40*
Marshall	800	900	52
Maury	1,300	1,400	35
Moore	400	600	64
Rutherford	2,100	2,200	23
Smith	1,600	1,500	33*
Sumner	1,100	1,500	32
Trousdale	200	200	85
Williamson	1,100	1,300	40*
Wilson	1,300	1,500	33*
District 4	20,400	25,200	
Bledsoe	800	1,100	46*
Coffee	2,100	2,900	14
Cumberland	1,300	1,700	28
Fentress	1,300	1,200	42
Franklin	4,400	5,600	4
Grundy	900	1,100	45
Marion	600	600	65*
Morgan	400	400	72*
Overton	1,600	1,800	27
Pickett	400	500	68
Putnam	1,500	1,700	29*
Scott	200	300	80*
Sequatchie	300	300	79
Van Buren	1,300	1,400	36*
Warren	1,800	2,300	20
White	2,400	3,400	12
District 5	21,300	26,300	
Anderson	700	800	54
Blount	600	800	55*
Bradley	400	400	72*
Campbell	100	100	93*
Carter	200	200	86*
Claiborne	500	800	55*
Cocke	200	300	80*
Grainger	200	200	86*
Greene	500	700	60*
Hamblen	400	400	71
Hamilton	500	700	59
Hancock	200	300	80*
Hawkins	400	500	69*
Jefferson	700	800	55*
Johnson	200	200	86*
Knox	300	400	72*
Loudon	300	400	72*
McMinn	400	500	69*
Meigs	100	100	93*
Monroe	400	400	72*
Polk	200	300	80*
Rhea	800	1,000	49*
Roane	300	400	72*
Sevier	300	400	72*
Sullivan	200	200	86*
Unicoi	100	100	92
Union	100	200	86*
Washington	200	300	80*
District 6	9,500	11,900	
STATE	117,000	150,000	

[1] 1987 Final; 1988 Preliminary.
[2] Less than 50 head.
*Tied

SHEEP AND WOOL

SHEEP AND LAMBS: INVENTORY NUMBER, LAMB CROP, AND DISPOSITION, TENNESSEE, 1982-89

Year	On Hand Jan. 1	Lambs Saved	Inshipments Sheep & Lambs	Marketings[1] Sheep	Marketings[1] Lambs	Deaths Sheep	Deaths Lambs
			1,000 Head				
1982	10	7.5	0.5	3.3	4.4	0.6	1.5
1983	8	6.0	0.7	3.0	4.0	0.4	1.1
1984	6	6.5	3.1	1.2	3.7	0.4	1.1
1985	9	6.8	1.0	0.7	3.6	0.8	1.5
1986	10	7.7	2.1	1.7	3 0	0.9	1.0
1987	13	8.5	1.0	3.3	5.0	1.0	1.0
1988	12	7.0	5.8	5.4	7.2	1.0	1.0
1989	10						

[1] Excludes interfarm sales.

SHEEP AND LAMBS: PRODUCTION AND INCOME, TENNESSEE, 1982-88

Year	Production[1]	Marketings[2]	Average Price Per 100 lbs. Sheep	Average Price Per 100 lbs. Lambs	Value of Production	Cash Receipts[3]	Gross Income
	1,000 Pounds		Dollars		1,000 Dollars		1,000 Dollars
1982	482	759	17.20	53.80	216	275	282
1983	391	670	18.10	56.40	190	256	270
1984	513	461	20.50	59.00	263	221	231
1985	448	401	21.20	62.80	233	220	228
1986	547	457	21.00	67.80	324	222	230
1987	647	813	28.50	81.80	374	472	483
1988	425	1,242	25.80	62.50	311	558	566

[1] Adjustments made for inshipments and changes in inventory. [2] Excludes interfarm sales.
[3] Includes receipts from marketings and sale of farm slaughtered meat.

SHEEP AND LAMBS: NUMBER ON FARMS AND VALUE, TENNESSEE, JANUARY 1, 1982-89

Year	All Sheep and Lambs Number	All Sheep and Lambs Value Per Head	All Sheep and Lambs Value Total	Lambs Ewes	Lambs Wethers and Rams	Sheep one year old and older Ewes	Sheep one year old and older Wethers and Rams
	1,000 Head	Dollars	1,000 Dollars	1,000 Head		1,000 Head	
1982	10	56.00	560	1.3	0.7	7.5	0.5
1983	8	63.50	508	1.0	0.5	6.0	0.5
1984	6	58.00	348	0.5	0.3	4.8	0.4
1985	9	63.50	572	0.8	0.8	6.8	0.6
1986	10	67.00	670	0.8	0.8	7.7	0.7
1987	13	76.50	988	2.3	1.3	8.7	0.7
1988	12	73.00	876	1.7	0.7	8.9	0.7
1989	10	78.50	785	0.8	0.3	8.1	0.8

WOOL: FARM PRODUCTION AND VALUE, TENNESSEE, 1983-88

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value[1]
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1983	7.2	6.5	47	47	22
1984	6.0	6.8	41	73	30
1985	8.8	6.5	57	52	30
1986	10.0	6.5	65	61	40
1987	11.0	6.7	74	57	42
1988	**11.0**	**6.5**	**72**	**85**	**61**

[1] Production multiplied by annual average price.

AUCTION PRICES

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
STEERS—Medium Frame No. 1*						Dollars Per Cwt.							
300-400 lbs.													
1982	61.06	63.32	69.10	68.19	67.63	64.40	64.62	68.75	65.40	62.38	61.94	62.31	64.93
1983	69.75	74.56	77.15	75.25	72.50	69.35	65.62	62.20	62.75	63.75	67.35	67.42	68.97
1984	67.44	71.95	71.50	72.81	66.20	64.38	66.44	68.45	65.50	66.00	66.93	64.83	67.70
1985	71.53	79.25	77.88	77.31	74.85	71.81	67.25	71.50	69.38	69.00	71.50	67.25	72.38
1986	69.25	72.31	71.75	69.25	65.13	68.13	71.45	75.19	75.31	72.10	69.81	70.19	70.82
1987	75.75	81.88	86.25	87.70	89.88	93.13	97.40	99.00	103.80	93.38	97.25	98.25	91.97
1988	**105.63**	**111.63**	**109.70**	**110.38**	**106.50**	**97.70**	**107.38**	**109.00**	**106.38**	**103.63**	**105.00**	**104.25**	**106.43**
400-500 lbs.													
1982	58.44	60.13	65.55	66.75	65.75	62.52	62.31	65.00	63.60	60.88	60.12	59.94	62.59
1983	64.94	69.75	73.10	71.50	69.59	65.30	61.25	58.25	59.00	60.06	62.40	62.59	64.80
1984	64.19	67.10	67.00	66.75	64.30	60.88	62.16	63.50	61.94	62.75	63.25	61.33	63.76
1985	66.80	70.81	71.19	71.25	70.75	68.00	62.90	66.00	63.88	64.35	66.44	63.29	67.14
1986	64.60	66.38	68.19	64.85	61.38	61.88	65.60	66.06	68.44	66.55	63.88	64.50	65.19
1987	69.38	74.13	77.44	79.75	82.38	79.88	82.70	88.00	89.30	84.00	87.13	86.67	81.73
1988	**90.88**	**96.63**	**97.55**	**96.63**	**96.38**	**87.50**	**90.50**	**94.50**	**95.88**	**93.00**	**91.70**	**90.75**	**93.66**
500-600 lbs.													
1982	56.13	58.69	62.50	63.62	63.38	61.45	61.38	63.69	62.32	59.88	58.66	58.75	60.87
1983	62.84	65.75	69.15	67.75	65.00	62.90	59.69	55.93	56.28	58.25	59.15	59.96	61.89
1984	61.25	64.55	63.88	63.56	61.52	59.63	60.19	61.73	59.82	60.85	61.50	60.92	61.62
1985	63.75	66.81	67.88	67.00	65.90	64.06	60.55	61.94	59.69	60.20	61.06	59.33	63.18
1986	59.63	62.25	61.50	59.60	58.13	59.13	60.30	62.06	64.13	60.90	60.63	60.88	60.76
1987	64.69	67.75	71.00	73.15	76.13	74.56	78.10	81.63	83.10	77.19	78.00	79.92	75.44
1988	**83.25**	**86.38**	**89.00**	**89.19**	**89.44**	**78.80**	**82.13**	**85.95**	**88.25**	**84.56**	**84.55**	**84.25**	**85.48**
600-700 lbs.													
1982	54.44	57.57	59.70	60.50	61.19	59.90	60.69	62.31	60.85	58.75	57.38	56.19	59.13
1983	60.12	62.56	64.20	63.50	60.75	59.90	57.66	54.70	52.94	55.44	56.20	59.34	58.94
1984	60.03	62.13	62.12	60.75	57.70	57.50	58.69	59.70	58.50	58.43	60.28	59.58	59.62
1985	62.05	63.75	63.56	62.06	60.95	59.81	56.60	56.69	55.88	56.30	57.56	56.79	59.33
1986	56.70	58.63	56.88	54.63	54.06	54.78	56.98	59.25	59.68	58.50	57.44	58.56	57.17
1987	61.47	64.16	65.25	67.93	71.10	69.78	72.00	74.38	76.20	70.88	71.31	72.58	69.75
1988	**77.22**	**78.81**	**79.55**	**81.44**	**81.22**	**73.40**	**76.31**	**80.73**	**83.13**	**79.25**	**78.40**	**79.00**	**79.04**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
STEERS—Medium Frame No. 2*						**Dollars Per Cwt.**							
300-400 lbs.													
1982	55.19	57.25	60.90	60.13	60.06	56.50	56.81	58.94	57.05	54.00	54.00	54.88	57.15
1983	60.50	64.19	67.90	66.00	64.31	61.05	57.10	54.15	54.69	54.75	56.50	57.34	59.87
1984	57.81	61.55	61.82	62.25	59.45	58.06	57.06	58.20	57.00	57.90	58.87	55.92	58.82
1985	60.25	64.25	66.94	67.31	65.95	63.13	59.00	61.88	60.06	60.95	61.75	59.50	62.58
1986	60.90	63.56	63.25	61.10	58.69	59.25	61.60	64.25	65.38	63.30	60.88	60.75	61.91
1987	67.38	72.75	74.75	78.00	77.63	81.13	84.10	87.25	90.50	82.50	85.38	86.00	80.61
1988	**91.00**	**99.00**	**97.90**	**97.25**	**94.50**	**87.10**	**94.00**	**96.30**	**92.00**	**90.80**	**91.80**	**90.25**	**93.50**
400-500 lbs.													
1982	53.25	54.94	58.05	58.81	59.16	56.53	56.22	57.97	55.55	53.81	53.06	53.69	55.92
1983	57.69	60.94	65.20	64.38	61.94	58.80	54.56	51.85	52.94	53.12	54.35	55.50	57.60
1984	56.38	60.05	59.62	59.69	57.65	55.38	55.00	56.25	54.75	55.85	55.62	54.75	56.75
1985	57.50	61.50	63.63	63.56	62.90	61.56	56.85	58.75	57.88	58.00	59.75	56.42	59.86
1986	58.40	61.25	59.63	57.40	56.25	56.19	57.60	59.31	61.63	59.20	58.63	58.00	58.62
1987	62.81	67.25	68.75	71.30	72.63	72.25	75.30	79.13	81.70	76.75	78.25	79.17	73.77
1988	**82.25**	**86.13**	**87.30**	**89.00**	**86.88**	**77.70**	**82.25**	**85.50**	**82.88**	**83.00**	**82.40**	**82.50**	**83.98**
500-600 lbs.													
1982	51.17	54.38	56.20	57.69	58.06	55.90	56.19	57.31	55.00	53.25	52.06	53.62	55.07
1983	56.81	58.00	61.70	60.12	58.88	56.87	53.56	50.80	49.94	51.62	53.15	54.59	55.50
1984	55.25	58.10	58.25	57.44	55.60	53.75	53.88	55.18	54.50	54.40	55.06	53.58	55.42
1985	57.10	58.63	59.56	57.75	60.00	58.25	54.25	55.69	54.38	55.20	55.63	54.25	56.72
1986	54.90	57.13	55.75	53.65	52.75	52.81	54.45	56.44	58.69	56.00	55.19	55.92	55.31
1987	57.63	60.94	63.19	66.35	67.50	67.13	70.10	73.13	75.00	69.38	70.75	72.17	67.77
1988	**75.69**	**78.19**	**80.20**	**79.75**	**80.00**	**70.70**	**74.75**	**78.70**	**77.94**	**76.94**	**76.80**	**76.60**	**77.18**
600-700 lbs.													
1982	50.13	53.25	54.60	55.94	54.81	55.10	55.62	57.00	55.15	52.25	52.00	53.33	54.10
1983	53.88	55.56	58.10	56.81	55.44	55.06	52.25	50.40	48.25	51.00	51.60	53.59	53.50
1984	53.62	56.70	55.94	55.88	53.50	51.94	52.81	53.69	53.50	52.90	54.18	53.83	54.04
1985	55.60	57.50	57.88	55.00	57.13	54.50	52.08	52.88	50.88	52.85	53.00	52.00	54.28
1986	52.50	53.50	52.94	50.25	49.00	49.94	51.35	54.25	55.25	52.90	52.63	54.33	52.40
1987	55.94	59.13	58.75	62.10	63.38	63.00	66.00	68.13	69.90	64.00	64.75	67.50	63.55
1988	**70.19**	**72.44**	**72.00**	**75.50**	**73.83**	**63.42**	**69.00**	**72.70**	**74.31**	**71.81**	**71.50**	**73.00**	**71.64**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
HEIFERS—Medium Frame No. 1*						Dollars Per Cwt.							
300-400 lbs.													
1982	50.00	52.25	55.45	56.19	56.31	53.95	53.00	56.06	53.75	51.00	49.25	49.44	53.06
1983	55.12	59.81	63.40	62.32	62.06	58.90	54.12	49.35	49.12	49.69	53.10	52.34	55.78
1984	52.94	57.65	57.62	57.12	54.50	52.00	51.62	53.65	50.88	51.48	51.81	50.58	53.49
1985	55.25	57.63	60.00	60.88	60.05	57.63	54.25	56.19	53.56	54.35	56.19	54.00	56.67
1986	55.00	58.19	58.44	56.35	54.13	55.12	56.15	59.25	60.50	58.35	57.63	56.88	57.17
1987	60.56	67.60	70.38	74.65	76.00	74.50	77.65	81.69	84.80	76.88	79.50	80.17	75.37
1988	**85.00**	**90.75**	**91.30**	**94.50**	**81.63**	**79.40**	**86.25**	**89.10**	**88.25**	**86.38**	**84.00**	**84.50**	**87.42**
400-500 lbs.													
1982	48.81	50.44	53.53	54.44	54.63	53.55	52.81	55.00	53.60	50.00	48.75	49.12	52.06
1983	54.47	58.44	61.18	60.69	59.62	57.47	52.50	47.95	48.19	48.69	51.25	51.00	54.29
1984	52.00	56.20	55.81	55.12	53.30	50.31	50.62	51.95	50.50	50.30	50.62	50.75	52.29
1985	54.40	57.13	58.13	59.56	58.75	56.69	53.55	54.88	52.36	52.68	54.31	52.75	55.43
1986	53.30	55.81	56.56	53.80	51.81	52.70	54.10	56.00	57.94	56.55	55.13	54.88	54.88
1987	58.56	65.25	65.81	70.05	71.81	71.00	73.60	75.38	78.10	72.44	75.13	74.83	71.00
1988	**78.75**	**82.56**	**83.80**	**85.06**	**83.88**	**74.70**	**77.00**	**80.40**	**80.81**	**79.94**	**79.00**	**78.63**	**80.83**
500-600 lbs.													
1982	47.88	49.75	52.10	52.69	53.81	52.67	52.34	54.75	53.20	49.88	48.94	49.00	51.42
1983	53.31	55.75	59.05	58.88	56.94	55.60	50.81	46.83	46.28	47.72	49.45	50.42	52.59
1984	51.12	54.20	54.06	53.19	50.70	49.85	50.69	51.25	50.06	50.00	50.75	50.93	51.40
1985	53.80	55.63	56.38	57.69	56.55	54.56	51.15	52.94	50.31	50.95	52.06	50.83	53.87
1986	51.05	52.88	52.94	50.55	49.93	50.10	52.50	54.88	56.19	53.40	52.69	53.19	52.53
1987	56.75	61.00	62.19	66.00	67.50	67.78	70.10	72.50	73.70	68.38	69.06	70.58	67.13
1988	**73.91**	**76.25**	**77.80**	**78.19**	**77.13**	**70.65**	**72.19**	**77.30**	**77.13**	**76.69**	**75.10**	**75.13**	**75.62**
600-700 lbs.													
1982	47.06	48.44	50.25	51.56	53.10	51.90	51.94	54.12	52.35	49.06	48.62	48.54	50.58
1983	51.12	53.94	57.10	55.94	54.50	52.50	49.50	45.65	44.22	45.19	46.65	48.75	50.42
1984	50.60	53.25	53.10	51.75	48.95	48.31	49.69	50.50	49.50	49.85	50.00	50.50	50.50
1985	53.15	55.13	54.69	54.17	54.25	52.58	48.90	50.28	48.56	48.88	48.88	49.58	51.59
1986	49.60	51.13	49.50	46.95	46.94	47.66	51.03	53.25	53.66	51.75	51.06	51.58	50.34
1987	53.56	59.25	59.13	61.95	63.94	63.35	66.05	68.13	69.15	64.63	65.22	65.67	63.34
1988	**69.38**	**71.75**	**71.73**	**73.00**	**73.81**	**66.22**	**67.28**	**72.00**	**73.14**	**72.75**	**70.40**	**71.88**	**71.13**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
HEIFERS—Medium Frame No. 2*						Dollars Per Cwt.							
300-400 lbs.													
1982	44.31	46.25	49.25	49.50	50.94	48.60	47.75	49.91	47.75	45.19	43.50	43.75	47.23
1983	49.06	53.13	56.50	55.50	55.88	53.50	48.12	42.60	42.25	43.06	46.15	47.34	49.42
1984	46.44	49.20	50.50	49.88	48.30	46.38	45.00	46.90	43.94	44.50	44.43	44.58	46.67
1985	48.70	50.94	53.44	55.06	54.70	52.69	48.85	50.25	47.81	48.08	49.75	48.17	50.70
1986	48.60	50.25	53.25	50.80	48.25	49.06	49.95	52.50	53.25	52.35	50.69	50.38	50.77
1987	55.25	60.00	62.88	66.60	68.13	66.86	71.00	72.25	76.10	69.88	70.63	71.33	67.58
1988	**76.63**	**81.13**	**84.30**	**82.75**	**83.25**	**71.00**	**75.88**	**77.50**	**78.25**	**75.75**	**78.20**	**78.00**	**78.22**
400-500 lbs.													
1982	43.94	45.25	47.35	48.25	49.13	48.40	47.94	48.81	47.40	44.44	43.12	43.62	46.47
1983	47.75	51.56	55.20	53.62	53.81	51.35	47.00	41.60	41.94	42.19	44.35	45.92	48.02
1984	46.62	48.70	48.75	48.44	47.85	44.38	44.56	45.60	43.88	44.15	44.06	44.17	45.93
1985	48.25	51.13	51.94	53.69	53.45	51.00	48.00	49.50	47.12	46.95	48.94	46.83	49.73
1986	46.73	49.13	50.38	48.55	46.63	47.50	48.90	50.13	51.25	50.55	49.00	48.94	48.97
1987	52.88	58.50	59.63	62.90	65.13	64.31	67.00	68.63	69.80	65.75	65.50	68.17	64.02
1988	**71.13**	**75.19**	**75.50**	**76.44**	**76.63**	**67.60**	**69.75**	**73.65**	**74.00**	**72.50**	**71.45**	**72.50**	**73.03**
500-600 lbs.													
1982	43.50	44.50	45.60	46.56	47.85	47.50	47.56	48.50	46.90	44.12	42.62	42.81	45.67
1983	46.44	50.06	53.30	52.31	51.75	50.55	45.44	40.80	40.50	40.81	42.70	44.17	46.57
1984	44.62	47.50	47.75	47.19	46.25	43.62	43.88	44.73	43.56	43.40	44.06	43.75	45.02
1985	47.45	49.25	51.31	52.31	52.40	49.75	46.60	48.13	45.69	45.45	46.75	45.00	48.34
1986	46.00	48.63	47.94	46.00	44.44	45.62	47.56	49.13	50.06	48.30	47.13	47.75	47.38
1987	51.13	55.06	56.38	59.00	60.38	60.94	64.40	65.88	67.40	62.63	62.38	63.33	60.74
1988	**67.56**	**70.13**	**70.08**	**69.75**	**71.63**	**63.20**	**65.75**	**69.20**	**70.50**	**68.00**	**68.30**	**66.25**	**68.53**
600-700 lbs.													
1982	42.50	44.50	44.69	45.56	47.00	47.65	47.06	48.25	46.70	43.50	42.67	42.33	45.48
1983	45.50	47.50	52.40	51.67	48.50	47.10	43.94	40.60	39.38	40.00	42.25	43.17	41.52
1984	43.75	46.75	47.25	45.67	44.62	42.25	43.82	45.00	43.69	43.40	43.87	43.83	44.49
1985	46.50	48.63	49.88	49.75	51.50	48.00	44.40	46.00	43.13	44.40	44.75	44.33	46.77
1986	43.63	47.96	45.33	42.55	41.17	42.00	46.69	47.06	48.00	45.35	45.31	45.00	45.00
1987	50.13	53.50	53.88	56.70	58.38	59.33	60.40	61.88	63.56	58.69	61.75	61.83	58.34
1988	**64.44**	**66.75**	**66.75**	**70.50**	**69.38**	**60.63**	**62.17**	**67.13**	**66.75**	**65.33**	**64.50**	**66.25**	**65.88**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

UTILITY COW PRICES: SELECTED TENNESSEE AUCTIONS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1982	38.31	39.54	40.03	40.88	41.63	41.42	40.62	40.67	39.40	38.69	37.12	37.25	39.63
1983	37.69	40.44	41.75	42.19	42.62	41.55	39.34	37.13	36.44	35.38	34.05	33.50	38.51
1984	34.38	38.95	42.13	41.97	40.43	39.50	38.38	38.75	35.94	35.65	34.75	34.71	37.96
1985	39.50	40.00	40.50	40.19	40.60	38.78	36.40	36.19	34.25	33.05	33.25	34.83	37.30
1986	34.60	36.94	36.47	33.25	34.94	36.72	34.88	34.66	36.10	35.88	35.28	34.94	35.39
1987	39.47	41.06	42.50	43.90	44.40	43.19	44.10	43.88	44.20	41.13	45.06	45.17	43.17
1988	**45.56**	**45.56**	**46.75**	**46.13**	**47.00**	**41.55**	**44.10**	**46.95**	**46.41**	**44.56**	**43.40**	**43.50**	**45.29**

FEEDER PIGS: MARKETINGS AND PRICES AT ORGANIZED FEEDER PIG SALES, 1982-88

Year	Number Marketed	Average Weight	Average Price Per Cwt.	Average Price Per Head
		Lbs.	Dollars	Dollars
1982	609,841	45	113.25	51.05
1983	622,238	46	71.79	32.72
1984	584,554	47	80.42	37.44
1985	525,282	47	79.05	37.29
1986	532,764	47	97.07	45.21
1987	566,189	48	96.92	46.06
1988	**582,153**	**48**	**70.63**	**33.82**

FEEDER PIG PRICES: ALL WEIGHTS AND GRADES: TENNESSEE ORGANIZED FEEDER PIG SALES, 1982-88 (AVERAGE WEIGHT 45-50 LBS.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1982	70.09	88.31	109.77	118.14	123.14	111.11	121.59	137.35	136.80	112.87	102.82	104.23	113.25
1983	110.08	119.59	114.07	94.24	73.56	55.35	46.17	52.82	46.02	44.13	49.68	57.36	71.79
1984	66.99	83.43	100.21	101.82	86.09	80.22	74.74	74.58	76.83	71.95	72.15	75.78	80.42
1985	81.38	87.45	97.65	90.18	80.60	81.06	73.20	75.55	70.08	77.00	68.77	66.53	79.05
1986	66.64	78.05	88.99	80.30	85.24	85.57	109.63	121.85	122.57	111.04	104.33	100.13	97.02
1987	91.96	111.78	117.84	120.36	107.54	96.68	97.09	102.73	96.80	87.80	71.29	68.77	96.92
1988	**73.39**	**92.52**	**103.22**	**103.05**	**90.21**	**61.40**	**53.18**	**56.17**	**51.18**	**49.94**	**45.58**	**56.00**	**70.63**

FEEDER PIGS: NUMBER MARKETED THROUGH ORGANIZED SALES, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Number Marketed							
1982	35,343	35,031	48,288	55,021	55,286	52,336	48,240	57,579	60,008	55,809	56,356	50,443	50,812
1983	48,222	40,489	55,649	57,281	66,221	60,178	41,244	48,875	56,294	51,816	50,883	45,086	51,853
1984	45,345	33,895	43,160	55,952	60,768	50,247	47,730	51,169	45,840	57,498	56,667	36,283	48,713
1985	39,032	32,194	39,741	50,167	50,925	47,540	41,311	39,346	46,530	54,635	42,276	41,485	43,765
1986	34,566	31,312	40,023	44,335	51,120	46,890	51,200	41,940	52,719	50,420	41,419	46,820	44,397
1987	**37,168**	**35,945**	**48,350**	**45,032**	**48,068**	**50,487**	**47,520**	**47,297**	**51,639**	**53,550**	**49,292**	**46,839**	**46,766**
1988	37,706	43,177	52,457	51,815	61,162	60,207	40,887	47,972	52,063	50,887	45,421	38,395	48,512

SOW PRICES: U.S. 1-2 300-400 LBS. SELECTED TENNESSEE AUCTIONS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1982	36.81	39.13	43.27	47.38	50.75	47.99	50.58	51.75	53.38	52.65	47.38	45.75	47.24
1983	45.13	51.14	48.47	43.53	39.75	34.95	31.25	34.70	36.10	34.46	30.78	33.67	38.66
1984	40.78	41.82	39.94	40.75	41.15	39.18	41.81	40.50	38.74	36.87	37.69	37.33	39.71
1985	39.09	41.75	38.35	35.19	34.78	34.13	33.58	32.81	31.44	32.78	33.65	33.04	35.05
1986	32.81	34.53	32.44	33.12	33.90	37.11	45.83	52.57	51.11	45.97	45.13	40.66	40.43
1987	**40.80**	**41.30**	**38.04**	**42.50**	**44.47**	**45.35**	**46.22**	**46.19**	**45.74**	**43.99**	**34.29**	**28.50**	**41.43**
1988	31.13	32.25	31.00	31.80	34.33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	32.10

BARROW AND GILT PRICES: U.S. 1-3 210-240 LBS., SELECTED TENNESSEE AUCTIONS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1982	44.35	48.49	48.50	51.12	57.37	58.90	59.34	62.22	61.88	54.81	51.78	53.33	54.34
1983	55.10	56.29	49.33	45.24	45.83	45.27	44.88	47.90	43.97	39.81	37.56	44.42	46.30
1984	48.63	45.48	45.72	47.31	47.53	48.83	53.50	52.38	45.44	43.33	48.25	48.00	47.87
1985	48.95	48.53	42.72	41.01	41.48	46.52	47.51	43.64	40.50	42.92	43.38	46.34	44.46
1986	45.73	43.41	40.50	40.11	45.86	52.58	60.40	62.33	58.10	52.15	52.39	50.43	50.33
1987	**46.44**	**47.60**	**46.71**	**50.50**	**55.26**	**60.40**	**60.00**	**58.75**	**53.30**	**48.20**	**40.34**	**39.96**	**50.62**
1988	42.16	45.20	41.66	42.48	47.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	43.73

MEAT PRODUCTION

NUMBER OF LIVESTOCK SLAUGHTERING ESTABLISHMENTS: TENNESSEE, JANUARY, 1982-89

Year	Under Federal Inspection	Custom Plants	Total
1982	79	80	159
1983	79	78	157
1984	80	79	159
1985	70	63	133
1986	69	61	130
1987	67	61	128
1988	61	67	128
1989	**56**	**61**	**117**

RED MEAT PRODUCTION: BY MONTHS, TENNESSEE, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total[2]
						MILLION POUNDS							
1982[3]			162.8			151.0			125.4			126.7	565.9
1983	39.3	33.5	42.2	39.3	39.6	41.4	38.1	44.0	50.7	58.1	61.4	58.5	546.3
1984	50.4	52.0	56.7	56.0	56.6	53.0	49.2	55.7	52.1	63.6	59.8	55.1	660.2
1985	58.4	50.6	55.9	57.3	56.9	51.4	55.2	55.8	55.7	62.4	56.9	54.4	670.8
1986	56.7	47.9	52.8	58.8	58.1	45.4	39.7	40.5	44.2	47.2	40.1	43.6	575.0
1987	42.7	36.9	41.9	40.7	36.8	37.8	37.9	38.2	41.8	45.3	42.7	45.3	488.0
1988	**40.8**	**36.4**	**42.0**	**37.7**	**38.1**	**38.9**	**35.1**	**39.0**	**40.2**	**41.2**	**42.2**	**40.4**	**471.9**

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[1] Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.
[2] Totals may not add due to rounding.
[3] Only quarterly estimates were made for 1982.

LIVESTOCK SLAUGHTER: TENNESSEE, BY MONTHS, 1984-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
						1,000 Head							
						CATTLE							
1984	26.7	24.0	25.5	24.8	25.2	24.8	25.8	28.3	26.4	33.3	30.9	25.5	321.2
1985	25.3	22.0	24.2	22.9	22.1	19.8	21.8	22.7	21.4	25.8	21.9	21.3	271.3
1986	21.6	17.1	17.9	20.7	23.3	20.4	24.5	26.8	26.2	28.9	24.3	24.6	276.4
1987	22.5	19.3	22.5	20.2	18.7	19.3	19.1	20.3	20.9	22.6	19.6	18.4	243.4
1988	**17.3**	**16.7**	**18.7**	**16.2**	**16.1**	**16.6**	**14.1**	**12.4**	**11.3**	**11.7**	**11.9**	**10.9**	**173.9**
						CALVES							
1984[2]													
1985[2]													
1986[2]													
1987	3.2	2.8	2.3	2.1	1.7	2.4	2.6	3.0	2.3	1.1	1.6	1.7	26.6
1988	**1.4**	**.6**	**.6**	**.5**	**.3**	**1.0**	**1.8**	**1.4**	**.2**	**.1**	**.2**	**1.1**	**9.2**
						HOGS							
1984	193	212	244	235	234	215	195	222	206	251	231	214	2,652
1985	230	203	226	236	237	207	225	227	234	256	232	223	2,737
1986	234	203	229	252	241	184	146	144	163	173	144	160	2,270
1987	160	139	158	157	141	143	145	145	163	177	169	186	1,883
1988	**165**	**144**	**160**	**154**	**153**	**159**	**148**	**173**	**182**	**187**	**191**	**186**	**2,007**
						SHEEP							
1984	—	—	—	.1	.1	.1	.6	.1	—	.1	—	—	1.1
1985	—	—	—	—	—	—	.5	—	—	.1	—	—	.8
1986	—	—	—	.1	—	.1	.4	.1	.3	.3	.2	.1	1.6
1987	.2	—	.1	.2	.2	.3	.6	.2	—	—	—	—	1.9
1988	**—**	**—**	**—**	**—**	**—**	**—**	**.5**	**.1**	**.1**	**.1**	**.1**	**.1**	**1.1**
						CATTLE (MILLION POUNDS) LIVE WEIGHT							
1984	26.6	24.2	23.6	23.1	24.1	23.3	24.3	26.4	24.7	30.2	28.2	24.7	303.3
1985	25.3	22.1	23.9	21.9	21.3	19.4	21.4	22.8	20.9	24.8	21.2	20.4	265.5
1986	21.3	17.2	18.0	21.2	23.1	20.1	23.2	25.5	25.3	27.1	23.4	24.1	269.5
1987	22.1	19.4	22.4	20.2	18.7	19.2	19.1	20.3	20.6	22.3	19.5	18.6	242.5
1988	**17.6**	**16.9**	**18.7**	**16.0**	**16.2**	**16.6**	**13.7**	**12.2**	**11.3**	**11.7**	**11.9**	**10.7**	**173.4**
						CALVES (1,000 POUNDS) LIVE WEIGHT							
1984[2]													
1985[2]													
1986[2]													
1987	562	588	566	588	534	657	679	629	537	287	419	428	6,473
1988	**284**	**159**	**149**	**152**	**108**	**258**	**282**	**211**	**61**	**27**	**65**	**211**	**1,967**
						HOGS (MILLION POUNDS) LIVE WEIGHT							
1984	52.3	56.6	62.6	62.3	62.3	57.9	52.5	59.8	56.1	68.4	64.9	61.0	716.7
1985	64.0	55.4	61.3	64.5	64.7	58.2	62.2	62.2	63.2	70.4	65.3	61.9	753.2
1986	65.1	55.6	61.5	67.3	65.0	49.3	39.4	39.2	44.1	47.2	40.1	44.8	618.8
1987	44.6	38.1	43.2	43.0	38.7	39.7	40.1	39.7	45.1	48.9	47.4	51.4	519.8
1988	**45.9**	**40.1**	**43.1**	**42.2**	**42.9**	**43.3**	**40.1**	**46.9**	**49.9**	**51.1**	**52.1**	**49.7**	**547.3**
						SHEEP (1,000 POUNDS) LIVE WEIGHT							
1984	—	—	—	8	5	8	65	13	—	7	—	—	124
1985	—	—	—	—	—	—	48	—	—	6	—	—	83
1986	—	—	—	6	—	6	45	11	30	32	20	13	175
1987	20	—	17	28	27	41	73	28	—	—	—	—	246
1988	**—**	**—**	**—**	**—**	**—**	**—**	**52**	**11**	**11**	**7**	**8**	**6**	**108**

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[1] Monthly may not add to totals due to rounding.

[2] Data not published to avoid disclosing individual operations.

DAIRY

Tennessee milk production during 1988 totaled 2.2 billion pounds, slightly above 1987. Despite declining milk cow numbers and fewer dairy farms, the state's milk production has exceeded 2 billion pounds for the past fourteen years. A key factor in this record of achievement has been the amount of milk produced per cow. During 1988, the average milk produced per cow was 11,010 pounds, the highest annual average ever recorded for Tennessee.

The number of milk cows on Tennessee farms averaged 201,000 in 1988, compared with 203,000 in 1987 and a five year average of 209,000. There were 80,000 milk replacement heifers on hand January 1, 1989 compared with 75,000 a year earlier and a five year average of 89,000. The ratio of milk replacement heifers to milk cows was 39.6 heifers per 100 dairy cows, compared with 36.8 a year ago.

Dairy farms have declined to the lowest level on record. The total number of farms licensed to sell milk plus those farms with one or more cows being milked for home use was 5,600 in 1988, down 600 from 1987. There are 1,727 producers licensed to sell grade A milk and 828 grade B producers.

Combined marketings of milk and cream generated $264.0 million in cash. Producers returns averaged $13.10 per hundredweight of milk marketed, compared with $13.44 in 1987. Marketings totaled 2.02 billion pounds of milk equivalent compared with 2.03 million a year earlier.

Total production of manufactured dairy products in Tennessee during 1988 was mostly below 1987. Ice cream mix was down 8 percent; ice cream, down 12 percent; ice milk mix, up 2 percent; and, ice milk, down 12 percent. Total cheese production excluding cottage cheese increased about 3 percent from 1987 to 1988.

MILK COWS: NUMBER ON FARMS, TENNESSEE, BY MONTHS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.
						1,000 Head							
1982	215	215	215	215	215	215	217	217	217	217	217	217	216
1983	217	217	217	215	215	214	214	214	214	214	214	214	215
1984	212	209	208	208	208	208	208	208	208	208	208	208	208
1985	210	210	210	210	210	210	210	210	210	210	210	210	210
1986	210	210	210	208	208	208	206	206	203	203	203	203	207
1987	203	203	203	203	201	201	201	203	203	205	205	204	203
1988	**202**	**200**	**199**	**199**	**200**	**201**	**201**	**200**	**202**	**202**	**202**	**201**	**201**

AVERAGE MILK PRODUCTION PER COW: TENNESSEE, BY MONTHS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Pounds							
1982	850	790	890	955	1,025	965	895	910	900	900	850	855	10,769
1983	850	800	900	950	970	900	870	860	840	870	820	840	10,465
1984	820	790	870	950	960	860	840	860	850	865	820	830	10,346
1985	820	770	880	960	980	920	920	900	880	920	840	850	10,643
1986	850	790	890	980	990	930	910	910	890	900	850	860	10,729
1987	860	800	920	980	980	940	920	905	905	910	850	900	10,872
1988	**900**	**880**	**950**	**980**	**980**	**930**	**910**	**900**	**890**	**910**	**890**	**900**	**11,010**

TOTAL MILK PRODUCED ON FARMS: TENNESSEE, BY MONTHS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Million Pounds							
1982	183	170	191	205	220	207	194	197	195	195	184	185	2,326
1983	184	174	195	204	209	193	186	184	180	186	175	180	2,250
1984	174	165	181	198	200	179	175	179	177	180	171	173	2,152
1985	172	162	185	202	206	193	193	189	185	193	176	179	2,235
1986	179	166	187	204	206	193	187	187	181	183	173	175	2,221
1987	175	162	187	199	197	189	185	184	184	187	174	184	2,207
1988	**182**	**176**	**189**	**195**	**196**	**187**	**183**	**180**	**180**	**184**	**180**	**181**	**2,213**

MILK PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1984-88

Item	Unit	1984	1985	1986	1987	1988[1]
Milk Cows and Production of Milk and Milkfat on Farms:						
No. of milk cows on farms[2]	Thousands	208	210	207	203	201
Production of milk and milkfat[3]						
Per milk cow—Milk	Pounds	10,346	10,643	10,729	10,872	11,010
Per milk cow—Milkfat	Pounds	383	392	397	399	405
Percentage of fat in all milk produced	Percent	3.70	3.68	3.70	3.67	3.68
Total Milk	Mil. Lbs.	2,152	2,235	2,221	2,207	2,213
Total Milkfat	Mil. Lbs.	79.6	82.2	82.2	81.0	81.4
Milk Used and Marketed by Producers:						
Milk used on farms where produced						
Fed to calves[3]	Mil. Lbs.	110	118	104	145	154
Used for milk, cream and butter	Mil. Lbs.	35	35	30	30	35
Total	Mil. Lbs.	145	153	134	175	189
Milk marketed by producers						
Sold to plants and dealers as whole milk[4]	Mil. Lbs.	2,000	2,075	2,008	2,025	2,015
Sold directly to consumers[5]	Mil. Lbs.	7	7	7	7	9
Total	Mil. Lbs.	2,007	2,082	2,087	2,032	2,024
Milk Sold to Plants and Dealers[4]						
Quantity	Mil. Lbs.	2,000	2,075	2,080	2,025	2,015
Price per 100 lbs.	Dollars	13.70	13.50	13.10	13.40	13.10
Cash Receipts	Thous. Dol.	274,000	280,125	272,480	271,350	263,965
Milk Sold Directly to Consumers[5]						
Quantity	Thous. Qts.	3,256	3,256	3,256	3,256	4,186
Price per Quart	Cents	57	53	65	53	51
Cash Receipts	Thous. Dol.	1,856	1,726	2,116	1,726	2,135
Combined Marketing of Milk and Cream:						
Milk utilized	Mil. Lbs.	2,007	2,082	2,087	2,032	2,024
Average returns[6]						
per 100 lb. milk	Dollars	13.74	13.54	13.16	13.44	13.15
per lb. of milkfat	Dollars	3.71	3.68	3.56	3.66	3.57
Cash receipts from marketings	Thous. Dol.	275,856	281,851	274,596	273,076	266,100
Used for Milk, Cream, Butter on Farms where produced:						
Milk utilized	Mil. Lbs.	35	35	30	30	35
Value[7]	Thous. Dol.	4,811	4,738	3,947	4,032	4,602
Gross Farm Income from Dairy Products[8]	Thous. Dol.	280,666	286,589	278,544	277,107	270,701
Farm Value of All Milk Produced[7] [9]	Thous. Dol.	295,786	302,563	292,227	296,593	290,948

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[1] Preliminary. [2] Average number on farms during year, excluding heifers not yet fresh. [3] Excludes milk sucked by calves. [4] Includes milk produced by dealers' own herds. [5] Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. [6] Cash receipts divided by milk or milkfat represented in combined marketings. [7] Valued at average returns per 100 lbs. of milk in combined marketings of milk and cream. [8] Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter. [9] Includes value of milk fed to calves.

MILK FAT TEST: TENNESSEE, BY MONTHS, 1982-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All Milk						Percent						
1983	3.85	3.84	3.70	3.68	3.57	3.55	3.54	3.53	3.56	3.68	3.82	3.93
1984	3.95	3.85	3.77	3.65	3.57	3.55	3.52	3.54	3.59	3.71	3.79	3.85
1985	3.86	3.87	3.70	3.58	3.56	3.55	3.53	3.55	3.63	3.74	3.79	3.87
1986	3.88	3.86	3.76	3.61	3.58	3.54	3.53	3.53	3.64	3.72	3.84	3.91
1987	3.88	3.83	3.74	3.66	3.55	3.51	3.49	3.47	3.56	3.72	3.81	3.84
1988	**3.87**	**3.80**	**3.71**	**3.62**	**3.56**	**3.55**	**3.52**	**3.52**	**3.59**	**3.72**	**3.83**	**3.85**
Fluid												
1983	3.86	3.85	3.70	3.68	3.57	3.56	3.55	3.53	3.56	3.67	3.82	3.93
1984	3.95	3.84	3.77	3.66	3.58	3.55	3.52	3.54	3.59	3.71	3.79	3.85
1985	3.86	3.87	3.70	3.58	3.56	3.56	3.53	3.56	3.63	3.75	3.78	3.87
1986	3.88	3.87	3.77	3.62	3.59	3.56	3.54	3.54	3.64	3.72	3.84	3.91
1987	3.88	3.83	3.75	3.67	3.56	3.51	3.49	3.47	3.56	3.73	3.81	3.84
1988	**3.87**	**3.80**	**3.71**	**3.62**	**3.57**	**3.55**	**3.52**	**3.52**	**3.59**	**3.72**	**3.83**	**3.85**
Manufacturing												
1983	3.80	3.77	3.69	3.67	3.54	3.52	3.[illegible]1	3.50	3.56	3.72	3.82	3.89
1984	3.90	3.90	3.78	3.61	3.52	3.54	3.52	3.51	3.62	3.68	3.84	3.87
1985	3.81	3.87	3.67	3.56	3.52	3.48	3.50	3.52	3.59	3.66	3.84	3.84
1986	3.89	3.78	3.71	3.51	3.49	3.44	3.48	3.48	3.64	3.76	3.86	3.94
1987	3.84	3.88	3.68	3.61	3.48	3.48	3.47	3.47	3.54	3.61	3.84	3.87
1988	**3.90**	**3.82**	**3.71**	**3.63**	**3.46**	**3.54**	**3.49**	**3.53**	**3.58**	**3.76**	**3.88**	**3.93**

MILK: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1983-88

DOLLARS PER CWT.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						ALL WHOLESALE							
1983	14.00	14.00	13.80	13.70	13.30	13.40	13.40	13.40	13.40	13.60	13.80	13.70	13.60
1984	13.90	13.50	13.50	13.00	13.10	13.10	13.10	13.20	13.80	14.40	14.60	14.50	13.70
1985	14.70	14.70	14.00	13.50	13.40	13.10	13.10	12.90	12.70	13.00	13.00	12.90	13.50
1986	13.10	13.00	12.70	12.40	12.80	12.60	12.80	12.90	13.30	13.70	13.90	14.10	13.10
1987	14.20	14.00	13.60	13.20	12.90	12.90	12.90	12.90	13.40	13.40	13.50	13.40	13.40
1988	**13.50**	**13.10**	**13.00**	**12.50**	**12.40**	**12.40**	**12.40**	**12.80**	**13.10**	**13.40**	**14.00**	**14.00**	**13.10**
						FLUID MARKET							
1983	14.20	14.20	14.00	14.00	13.60	13.70	13.70	13.70	13.70	13.80	14.00	13.90	13.90
1984	14.10	13.70	13.70	13.20	13.30	13.40	13.30	13.40	14.10	14.60	14.80	14.70	13.90
1985	15.00	14.90	14.20	13.70	13.60	13.40	13.40	13.20	12.90	13.20	13.20	13.10	13.70
1986	13.30	13.20	12.90	12.60	13.00	12.90	13.10	13.20	13.60	14.00	14.10	14.30	13.30
1987	14.40	14.20	13.80	13.40	13.10	13.20	13.20	13.20	13.70	13.60	13.70	13.60	13.60
1988	**13.70**	**13.30**	**13.20**	**12.60**	**12.60**	**12.60**	**12.60**	**13.00**	**13.30**	**13.80**	**14.20**	**14.10**	**13.20**
						MANUFACTURING GRADE							
1983	12.10	12.00	11.80	11.70	11.60	11.50	11.50	11.50	11.60	11.80	11.90	12.00	11.70
1984	12.00	11.90	11.90	11.60	11.60	11.50	11.60	11.70	11.90	12.70	12.50	12.40	11.90
1985	11.80	12.50	11.80	11.80	11.50	11.30	11.10	11.00	11.10	11.30	11.50	11.40	11.50
1986	11.40	11.20	11.10	10.70	10.80	10.70	10.70	10.80	11.20	11.40	11.60	11.70	11.10
1987	11.50	11.50	11.10	11.10	10.90	10.90	10.90	11.00	11.20	11.40	11.60	11.30	11.20
1988	**11.40**	**11.20**	**11.00**	**10.80**	**10.50**	**10.60**	**10.20**	**11.00**	**10.90**	**11.40**	**11.70**	**12.00**	**11.00**

MILK COWS: PRICES RECEIVED BY FARMERS, BY QUARTERS, TENNESSEE, 1983-88

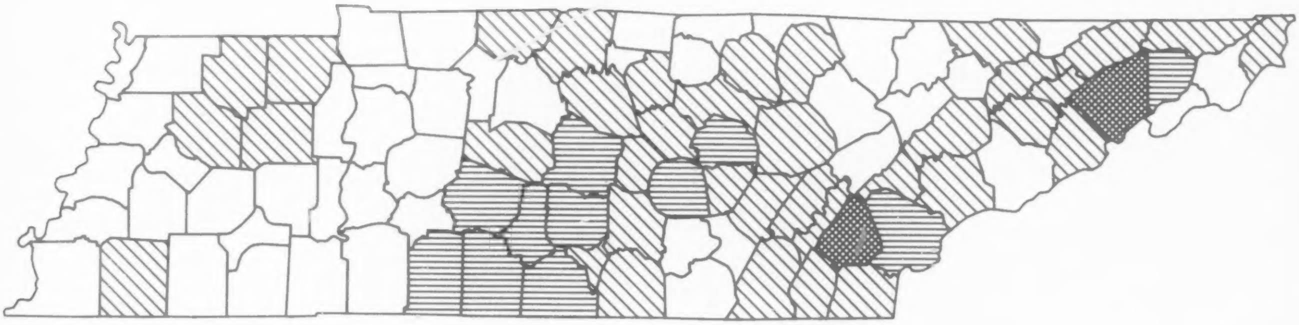
Year	January	April	July	October	Annual Average
		Dollars Per Head			
1983	1,000	970	990	900	970
1984	780	790	800	770	785
1985	790	800	810	760	790
1986	750	730	770	740	750
1987	780	850	840	860	835
1988	890	890	850	850	870

GRAIN AND OTHER CONCENTRATES: QUANTITY FED TO MILK COWS AND VALUE, TENNESSEE, 1986-89

	QUANTITY FED DAILY PER COW				QUANTITY FED ANNUALLY			ANNUAL AVERAGE VALUE OF FEED	
	Jan 1	Apr 1	July 1	Oct 1	Per Cow	Per CWT. of Milk	Total	Per CWT.	Per CWT. of Milk
	Pounds				Pounds		Tons	Dollars	
1986	14.5	15.0	14.0	13.5	4,940	46	512	$8.02	$3.69
1987	16.0	16.0	15.0	14.5	4,780	44	485	$8.01	$3.55
1988	15.0	16.0	15.0	14.0	5,170	47	520	$8.88	$4.21

TENNESSEE MILK COWS

January 1, 1989



HEAD

▩	10,000 and Over
▤	5,000-9,999
▧	1,000-4,999
□	Under 1,000

TOP FIVE COUNTIES

1. GREENE	14,500
2. McMINN	11,500
3. LINCOLN	8,000
4. WASHINGTON	7,900
5. MARSHALL	7,600

MILK COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1988-89[1]

District & County	1988 Number	1989 Number	Rank
Dyer	300	300	72*
Lake	[2]	[2]	
Lauderdale	300	300	72*
Obion	700	700	55*
Shelby	300	300	72*
Tipton	400	400	71
District 1	2,000	2,000	
Benton	100	100	84
Carroll	1,000	1,000	47*
Chester	300	300	72*
Crockett	[2]	[2]	
Decatur	[2]	[2]	
Fayette	1,600	1,500	41
Gibson	1,100	1,100	45
Hardeman	300	400	68*
Hardin	200	100	82*
Haywood	[2]	[2]	
Henderson	100	100	82*
Henry	2,800	2,800	25
McNairy	[2]	[2]	
Madison	300	300	78
Weakley	3,200	3,300	21
District 2	11,000	11,000	
Cheatham	[2]	[2]	
Dickson	600	600	64
Hickman	200	200	79*
Houston	[2]	[2]	
Humphreys	600	600	58*
Lawrence	6,000	5,900	10
Lewis	100	200	79*
Montgomery	900	800	52*
Perry	[2]	[2]	
Robertson	4,600	4,700	14
Stewart	[2]	[2]	
Wayne	[2]	[2]	
District 3	13,000	13,000	
Bedford	6,600	6,200	8
Cannon	3,200	3,000	22
Clay	300	300	72*
Davidson	800	600	58*
DeKalb	1,800	1,800	37
Giles	6,500	6,500	7
Jackson	300	300	81
Lincoln	8,200	8,000	3
Macon	1,000	800	54
Marshall	7,700	7,600	5
Maury	5,600	5,600	11
Moore	1,900	1,900	35
Rutherford	7,000	7,500	6
Smith	1,200	1,300	43
Sumner	2,800	2,800	26
Trousdale	500	400	68*
Williamson	4,500	4,500	17
Wilson	3,100	3,000	23
District 4	63,000	62,000	
Bledsoe	1,900	1,800	34
Coffee	4,500	4,600	15
Cumberland	2,600	2,700	27
Fentress	1,200	1,000	47*
Franklin	4,000	4,100	18
Grundy	900	900	51
Marion	500	500	65*
Morgan	600	600	58*
Overton	2,100	2,100	33
Pickett	400	300	72*
Putnam	2,000	2,1[illegible]	32
Scott	400	400	68*
Sequatchie	800	800	52*
Van Buren	1,100	1,100	46
Warren	5,500	5,400	13
White	5,500	5,500	12
District 5	34,000	34,000	
Anderson	700	700	57
Blount	2,800	2,600	28
Bradley	4,500	4,500	16
Campbell	600	600	58
Carter	700	700	55*
Claiborne	2,100	2,100	30*
Cocke	2,700	2,900	24
Grainger	1,600	1,700	40
Greene	14,500	14,500	1
Hamblen	1,800	1,700	38*
Hamilton	1,100	1,200	44
Hancock	700	600	58*
Hawkins	2,300	2,300	29
Jefferson	3,600	3,800	19
Johnson	1,100	1,000	50
Knox	1,500	1,500	42
Loudon	4,000	3,700	20
McMinn	11,500	11,500	2
Meigs	1,700	1,800	36
Monroe	6,300	6,100	9
Polk	2,000	1,700	38*
Rhea	1,100	1,000	47*
Roane	700	600	58*
Sevier	600	500	67
Sullivan	2,300	2,300	30*
Unicoi	[2]	[2]	
Union	500	500	65*
Washington	8,000	7,900	4
District 6	81,000	80,000	
STATE	204,000	202,000	

[1] 1988 Final; 1989 Preliminary.

[2] Not published to avoid disclosing individual operations.

*Tied.

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY MONTHS, TENNESSEE, 1987-88

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
						1,000 Gallons							
1987													
Ice Cream Mix	812	826	1,123	1,010	1,173	1,287	1,180	1,049	984	690	441	474	11,049
Ice Milk Mix	136	180	237	229	262	321	326	291	266	216	147	289	2,900
Milk Sherbet Mix	50	37	56	59	65	77	71	60	57	38	29	63	662
Ice Cream	1,528	1,567	2,008	2,022	2,106	2,572	2,352	2,161	1,945	1,225	836	945	21,267
Ice Milk[1]	304	424	622	535	612	757	848	692	710	485	302	503	6,794
Milk Sherbet	75	56	88	88	98	118	109	94	98	70	57	54	1,005
1988													
Ice Cream Mix	**538**	**849**	**1,067**	**886**	**871**	**1,085**	**1,015**	**1,012**	**822**	**712**	**663**	**635**	**10,155**
Ice Milk Mix	**135**	**160**	**234**	**233**	**265**	**327**	**299**	**336**	**292**	**241**	**247**	**201**	**2,970**
Milk Sherbet Mix	**42**	**45**	**51**	**60**	**55**	**79**	**68**	**67**	**49**	**32**	**35**	**42**	**625**
Ice Cream	**948**	**1,569**	**1,846**	**1,659**	**1,690**	**2,063**	**1,909**	**1,900**	**1,580**	**1,337**	**1,236**	**1,064**	**18,800**
Ice Milk[1]	**225**	**335**	**434**	**385**	**462**	**581**	**540**	**648**	**566**	**460**	**525**	**401**	**5,562**
Milk Sherbet	**58**	**72**	**73**	**89**	**84**	**108**	**103**	**97**	**81**	**45**	**52**	**60**	**923**

[1] Includes hard, soft-serve, and freezer-made milkshake.

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIED PRODUCTS, 1982-88

Year	Total Ice Cream	Sherbet (Milk)	Ice Milk	Ice Cream Mix	Ice Milk Mix	Milk Sherbet Mix
			1,000 Gallons			
1982	19,053	899	4,912	9,577	2,293	587
1983	18,633	916	5,413	9,507	2,379	588
1984	19,135	933	5,536	9,823	2,397	601
1985	19,119	918	6,636	9,702	2,769	590
1986	21,075	909	6,023	10,468	2,710	640
1987	21,267	1,005	6,794	11,049	2,900	662
1988	**18,800**	**923**	**5,562**	**10,155**	**2,970**	**625**

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIC PRODUCTS, 1982-88

Year	Butter	American Cheese Made From Whole Milk	Cottage Cheese Curd	Cottage Cheese Creamed
		1,000 Pounds		
1982	27,329	19,274	5,981	8,896
1983	28,463	21,696	6,768	9,173
1984	[1]	10,613	6,970	9,297
1985	[1]	[1]	7,099	9,625
1986	[1]	[1]	[1]	[1]
1987	[1]	[1]	7,128	8,284
1988	**[1]**	**[1]**	**7,592**	**8,967**

[1] Production not shown to avoid disclosing individual operations.

POULTRY

CHICKENS: NUMBER ON FARMS AND VALUE, TENNESSEE, DECEMBER 1, 1982-88

Year	Total[1]	Hens	Pullets Laying	Pullets[2]	Pullets[3]	Other Chickens	Value All Chickens Per Head	Value All Chickens Total
	1,000 Birds						Dollars	1,000 Dol.
1982	4,700	1,380	2,270	510	400	140	1.45	6,815
1983	3,900	1,560	1,440	380	410	110	1.75	6,825
1984	4,100	1,410	1,790	500	280	120	1.85	7,585
1985	3,300	1,120	1,560	[4]	[4]	[4]	1.85	6,105
1986	3,500	1,000	1,585	265	550	100	1.70	5,950
1987	3,250	1,260	1,210	290	410	80	1.25	4,063
1988	**2,070**	**730**	**1,000**	**150**	**130**	**60**	**1.25**	**2,588**

[1] Excludes commercial broilers. [2] Over 3 months. [3] Under 3 months.
[4] Not published to avoid disclosure of individual operations.

CHICKENS: LOST, SOLD AND VALUE OF SALES, TENNESSEE, 1982-88

Year[1]	Number Lost	Number Sold	Pounds Sold	Value of Sales[2]
	1,000 Birds		1,000 Lbs.	1,000 Dollars
1982	500	2,200	11,000	990
1983	500	3,000	15,000	1,575
1984	450	2,350	11,750	1,763
1985	420	2,740	10,960	1,589
1986	375	1,920	7,680	960
1987	310	1,650	6,600	660
1988	**280**	**1,570**	**6,280**	**628**

[1] Annual estimates cover the period December 1 previous year through November 30 and excludes commercial broilers. [2] Formerly called Cash Income

MARKET EGGS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						Cents Per Dozen							
1982	75.3	73.7	74.5	67.4	57.4	54.7	55.6	52.0	55.4	59.5	57.6	51.1	62.9
1983	51.5	54.0	56.5	55.9	61.4	59.0	57.0	59.7	63.4	67.9	74.7	66.0	59.1
1984	75.0	91.0	84.0	91.0	71.0	61.0	61.1	60.0	61.3	55.5	64.9	60.5	70.2
1985	49.2	48.5	57.2	51.9	48.8	57.5	50.2	58.9	63.6	65.5	69.9	65.8	56.7
1986	66.7	59.5	70.3	54.9	55.0	48.2	61.6	58.2	66.7	58.5	69.8	[2]	61.1
1987[2]													**46.0**

[1] Marketing year is December 1 previous year through November 30 current year.
[2] Monthly price estimates discontinued.

EGGS: PRODUCTION AND VALUE, TENNESSEE, 1982-88

Year[1]	Average Number of Layers during year	Eggs Per Layer	Eggs Produced	Price Per Dozen	Value of Production
	1,000 Birds	Number	Million	Cents	1,000 Dollars
1982	3,649	242	884	63.3	46,631
1983	3,232	254	822	59.6	40,826
1984	2,901	256	744	71.0	44,020
1985	2,948	256	756	56.7	35,721
1986	2,637	251	663	61.1	33,758
1987	2,684	250	670	46.0	25,683
1988	2,120	251	532	46.0	20,393

[1] Annual estimates cover the period December 1 through November 30.

EGG PRODUCTION: TENNESSEE, BY MONTHS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
						Million Eggs							
1982[2]	225			230			214			215			884
1983	71	65	72	69	71	70	71	69	65	65	60	61	822
1984	64	59	62	59	60	59	61	62	63	67	67	69	744
1985	69	59	63	62	63	60	62	62	62	65	60	60	756
1986[2]	172			170			165			156			663
1987[2]	159			175			176			160			670
1988[2]	149			141			128			114			532

[1] The marketing year covers the period December 1 previous year through November 30 current year.
[2] Estimates made on quarterly basis.

HENS AND PULLETS OF LAYING AGE: TENNESSEE, BY MONTHS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.[1]
						Thousands							
1982[2]	3,835			3,748			3,475			3,538			3,649
1983	3,320	3,331	3,310	3,270	3,253	3,248	3,230	3,260	3,096	2,968	3,018	3,030	3,232
1984	2,988	2,860	2,813	2,811	2,781	2,783	2,846	2,888	2,921	2,983	3,018	3,160	2,901
1985	3,095	3,040	2,950	2,855	2,810	2,860	2,910	2,931	2,951	2,976	2,845	2,746	2,948
1986[2]	2,721			2,746			2,576			2,503			2,637
1987[2]	2,608			2,780			2,786			2,556			2,684
1988[2]	2,380			2,200			2,045			1,855			2,120

[1] The marketing year covers the period December 1 previous year through November 30 current year.
[2] Estimates made as quarterly averages.

BROILERS: PRODUCTION AND INCOME, TENNESSEE, 1982-88

Year	Birds Produced	Pounds Produced	Price Per Pound	Value of Production
	1,000	1,000	Cents	1,000 Dollars
1982	65,948	263,792	25.0	65,948
1983	61,054	244,216	27.5	67,159
1984	68,567	281,125	31.0	87,149
1985	70,892	290,657	27.5	79,931
1986	82,500	346,500	31.5	109,148
1987	92,500	388,500	25.5	99,068
1988	87,000	365,400	31.0	113,274

BROILERS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1982-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[2]
						CENTS PER POUND							
1982	25.5	25.0	25.5	24.0	26.0	27.0	26.5	25.0	25.0	23.5	23.0	23.0	25.0
1983	21.0	25.0	23.0	24.5	26.5	28.5	30.0	31.5	32.0	31.0	33.0	31.0	27.5
1984	36.0	35.5	35.5	32.0	32.0	30.0	31.5	28.5	29.0	27.0	28.0	27.0	31.0
1985	28.0	28.0	27.0	25.5	27.5	29.0	28.0	27.0	27.5	26.0	29.0	26.5	27.5
1986	27.5	26.5	26.0	28.5	31.0	31.0	41.0	40.5	34.0	34.5	32.0	[3]	31.5
1987[3]													25.5

[1] Liveweight equivalent price

[2] Marketing year is December 1 through November 30. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.

[3] Monthly estimates discontinued.

FEE FISHING ACCOUNTED FOR THE MAJORITY OF CATFISH SALES

Tennessee's catfish growers sold $636,000 of catfish during 1988, down from 1.2 million dollars in 1987. Most of Tennessee's catfish sales were from recreation and fee fishing sales which accounted for 58 percent of Tennessee's food-size fish (usually ¾ to 3 lbs.). While the fee and recreation fishing market was the most important in Tennessee, the 17 selected states sold 89 percent of the food-size fish to processors. Tennessee's stocker fish (usually 6 inches in length to ¾ lbs.) were sold to other producers to replenish their ponds. Disease and oxygen depletion were the two leading causes of fish losses in Tennessee and the 17 selected states. Tennessee lost a total of 121,000 fish totaling 17,000 pounds.

On January 1, Tennessee producers estimated their inventory to be 15,000 pounds of large fish, 144,000 pounds of food-size fish, 76,000 pounds of stockers, and 3,000 pounds of fingerlings.

CATFISH: NUMBER OF OPERATIONS, TOTAL WATER ACRES, AND SALES, TENNESSEE AND SELECTED STATES[1], 1988-1989

	Operations		Water Surface		Total Sales During	
	July 1 1988	Jan. 1 1989	July 1 1988	Jan. 1 1989	1987	1988
	Number		Acres		1,000 Dollars	
Tennessee	35	37	384	367	1,159	636
Selected States	1,987	1,922	130,399	139,399	242,737	284,777

CATFISH: SALES, NUMBER, WEIGHT, VALUE, BY SIZE, SELECTED STATES[1], 1987-1988

	Large		Foodsize		Stockers	
	1987	1988	1987	1988	1987	1988
	1,000		1,000		1,000	
Number	3,545	3,568	253,833	250,933	19,340	14,311
Weight	13,121	12,613	311,808	325,729	7,273	6,387
Value	9,476	10,352	211,901	249,442	5,406	5,450
Average Lbs/Fish	3.70	3.54	1.23	1.30	.376	.446
Average $/Lb.	.72	.82	.68	.77	.280	.381

CATFISH: PERCENT FOOD-SIZE AND STOCKERS SOLD BY OUTLET TYPE, TENNESSEE AND SELECTED STATES[1], 1988

Outlet	Food-size		Stockers	
	Tennessee	Selected States	Tennessee	Selected States
Live-haulers	2	4	—	34
Fee & Recreation	58	2	—	12
Other Producers	3	1	100	30
Government Agencies	—	—	—	8
Consumers	10	2	—	—
Processors	23	89	—	—
Restaurants/Direct Retail	4	2	—	—
Other Sales	—	—	—	16
TOTAL	100	100	100	100

[1] Selected States include Alabama, Arkansas, California, Florida, Idaho, Illinois, Georgia, Kansas, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas.

TENNESSEE TROUT SALES TO HALF A MILLION DOLLARS

Tennessee's trout growers sold 318,000 pounds of trout valued at $571,000 from September 1, 1987 through August 31, 1988. Food-size trout (usually 12 inches or longer) represented $502,000 of sales and stock fish (usually 6 to 12 inches long), $69,000. Direct retail outlets (restaurants, groceries, etc.) purchased 59 percent of the food-size fish. The largest market for Tennessee stock trout was other producers followed by fee and recreation establishments. Trout sales in the 16 selected states totaled 58.9 million pounds and $63.6 million.

Disease caused 68 percent of Tennessee's trout losses and 75 percent of the 16 selected states' losses. Production costs generally averaged about 75 percent of sales. Feed, the largest expenditure, and labor accounted for about 60 percent of the production costs.

TROUT: SALES, SEPTEMBER 1, 1987 TO AUGUST 31, 1988

Item	Unit	Tennessee	Selected States[1]
Food-size Fish Sold			
Number of Head	(000)	308	70,430
Liveweight	(000) Lb.	272	55,987
Average Wt./Fish	Lb.	0.88	0.79
Average Price/Lb.	$	1.85	1.03
Value Sold	(000) $	502	57,862
Stocker Fish Sold			
Number of Head	(000)	218	9,528
Liveweight	(000) Lb.	46	2,900
Average Wt./Fish	Lb.	0.21	0.30
Average Price/Lb.	$	1.50	1.99
Value Sold	(000) $	69	5,770
Total Fish Sold			
Number of Head	(000)	526	79,958
Liveweight	(000) Lb.	318	58,887
Average Wt./Fish	Lb.	0.60	0.74
Average Price/Lb.	$	1.80	1.08
Value Sold	(000) $	571	63,632

[1] Selected States include California, Colorado, Georgia, Idaho, Indiana, Michigan, Missouri, New York, North Carolina, Oregon, Pennsylvania, Tennessee, Utah, Virginia, Washington, Wisconsin.

TROUT: PERCENT FOOD-SIZE AND STOCKERS SOLD BY OUTLET TYPE, TENNESSEE AND SELECTED STATES, 1988

Outlet	Food-size		Stockers	
	Tennessee	Selected States	Tennessee	Selected States
Live-haulers	1	3	—	16
Fee & Recreation	25	7	14	42
Other Producers	2	1	86	34
Consumers	8	1	—	—
Processors	5	74	—	—
Restaurants/Direct Retail	59	7	—	—
Other Sales	—	7	—	8
TOTAL	100	100	100	100

1988 WEATHER SUMMARY

January: Bitter cold air greeted farmers in early 1988 with heavy snow falling during the first week. An average of 5 to 10 inches of snowfall were recorded during a storm that swept across the state on the 6th, 7th, and 8th. Tobacco sales kept growers busy in spite of the arctic blast. Outside activities, though, were greatly curtailed. Livestock hay consumption increased because of the cold and snow. Rain and snowfall replenished soil moisture levels as the month drew to a close. Damaging storms were reported in the West at the end of January. Livestock made it through the month in mostly fair to good condition.

February: Cold weather continued to grip the state through mid-February. Snow and bitter cold blasted the state on the 10th and 11th, reducing farm activity to a minimum during the week. Widespread snow and rainfall brought above normal totals for the period across the state. Despite stress caused by the arctic plunge, livestock improved to mostly good condition, and feed supplies remained adequate. Warm, drier air during late February turned thoughts to spring planning. Pastures were in fair condition, and soil moisture supplies were much improved.

March: Rain continued to keep farmers' hopes alive for a wet crop season. Early March brought regular scattered light rain showers across the state. Unseasonably warm periods were followed by sharp cold snaps causing stress for newborn calves and poultry. Farmers were anxious to begin tilling their fields, but were held back in many instances by wet fields. Wheat continued to grow well, and pastures were providing fair amounts of grazing for cattle. By month's end, fruit growers were busy pruning trees. Farmers had begun planting corn and vegetables, applying fertilizer and lime to pastures, and topdressing small grains.

April: Most areas of the state received only two to three inches of rainfall during April. Precipitation normally averages five inches for the month. Rain was fairly consistent during the first three weeks of the month, but April ended on a dry note. Top soil moisture supplies were generally short during the second half of the month. Several late cold snaps threatened the state's fruit crop, but peaches and apples came through with minimal damage. The cool temperatures and lack of moisture slowed germination and growth of most crops. Farmers planted late due to dry conditions. Heavier than usual infestations of alfalfa weevils in alfalfa for the second year in a row called for widespread spraying to salvage the first cutting. At month's end, hay and pastures were in mostly good condition. Wheat was heading out on schedule and was rated in mostly good condition. Dry top soil and below normal temperatures hampered field preparation and planting progress, but warmer temperatures by month's end increased planting progress for corn, cotton, and sorghum to near-normal levels. More than half of the intended corn crop had been planted by the end of the month, with approximately one-fourth of the cotton and sorghum crops in the ground. Tobacco seeds were slow to germinate, and beds required constant watering. Transplanting was just getting underway at the end of the month.

May: May brought ideal weather for cutting and curing hay. Farmers also made considerable planting progress under mostly sunny skies. By month's end, seeding of all crops was running well ahead of the five-year average. Widely scattered showers early in the month improved growing conditions across most of the state. Cool nights lingered through the month though, slowing germination of corn, cotton, and tobacco. The state's fruit crop fared very well in May. Apples and peaches were plentiful, and strawberries were of the highest quality in recent years. Growers were quite pleased with their wheat crop this year as well. The month ended on a dry note, with percents of normal rainfall ranging from a low of 34 percent at the Crossville weather station to 70 percent at Bristol and Dyersburg.

June: One of the driest June's on record depleted soil moisture supplies and slowed planting and crop development. Crop conditions worsened as the month wore on. Rain continued to evade farmers as corn entered the pivotal stage where regular rainfall is an important factor for average or better yields. Pastures began to exhibit extreme stress from the dry conditions. At month's end, pastures were in the worst condition since 1934. Most crops began the month in fair condition, but were rated mostly poor by the end of June. The only bright spot to be seen in June was the wheat crop. Harvest gained momentum throughout the month with producers realizing the best yields in history. As the month drew to a close, many cattlemen were selling off their herds due to the weather shortage. Inadequate pastures made supplemental feeding necessary. Creeks were slowing to a trickle and many ponds had become nothing more than dusty holes in the ground. It became evident that most early planted corn had succumbed to the drought. The remaining crops began early summer in desperate need of life-saving rain.

July: Above normal rainfall across the state did much to relieve parched crops in July. West Tennessee soybeans took on a good color and showed favorable response to the improved soil moisture. Producers planted soybeans late into the month, taking a gamble on a late fall freeze. The cotton crop continued to hold up well, and was the least affected of all crops by the dry spring. Pastures finally began to green up statewide by the end of the month, but were still rated far short of normal. Farm pond levels also remained critically short in many parts of the state. Hay and roughage supplies were rated short to very short. Extreme heat shattered records several times during July, and created moderate stress problems for cattle. Cattle remained in mostly fair condition throughout the month.

August: Most crops made a substantial recovery during August. A typical pattern of scattered showers regularly criss-crossed the state during the month. The Cumberland Plateau and East Tennessee received abundant rainfall, while Middle and West Tennessee received lesser amounts. Record-setting high temperatures occurred on several days. Crops and pastures continued to recover during August. Corn, sorghum, soybeans, and cotton developed slightly behind normal. The tobacco harvest was well underway, and was running about five days behind normal at the end of the month. August rains did little to improve the condition of corn and sorghum. Corn ended the month in mostly fair to poor condition, with sorghum mostly fair. Cotton was rated mostly good, however, and soybeans showed quite an improvement with a fair to good rating. Tobacco was rated mostly fair at the end of August. Pastures showed gradual improvement, but were still rated less than half of normal statewide. Hay and roughage supplies remained tight, and pond levels were critically low.

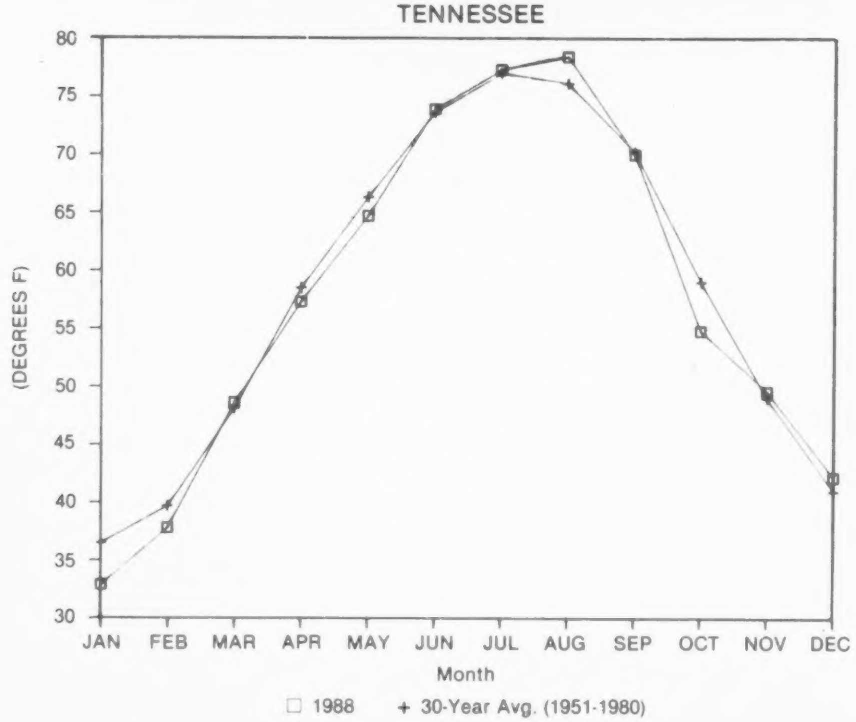
September: Rains early in September boosted growth and development of soybeans. Dry weather at mid-month provided ideal conditions for harvesting tobacco. Showers later in the month left fields in good shape for fall sowing and land preparation. Several good, soaking rains during the month did wonders for fall grasses, and had pastures looking their best all season. At month's end cattle were rated in mostly good condition, benefiting greatly from improved feed and water supplies.

October: The harvests of corn, cotton, sorghum and soybeans progressed rapidly during October. Mostly fair weather was interspersed with occasional scattered showers, providing generally good harvesting conditions. Soil moisture was replenished in most areas, allowing wheat farmers to accelerate seeding activity. Generous amounts of late hay were available due to the warm autumn weather. Pastures provided adequate feeding conditions well into fall. Apple growers were busy in October wrapping up harvest of a good quality crop. The majority of the state reported adequate soil moisture by the end of the month. Shortages were confined to East Tennessee, where autumn showers were less abundant.

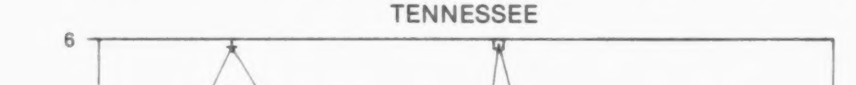
November: Very warm, wet weather continued into November. High temperatures averaged in the mid 70's throughout the month. Many West Tennessee stations recorded in excess of 12 inches of rain during the last half of the month. East Tennessee received an average of 5 inches of rain during November, which helped to ease soil moisture shortages. Farmers were busy harvesting cotton, soybeans, sweet potatoes, and fall vegetables; seeding wheat fields; stripping tobacco; shearing Christmas trees; and performing regular maintenance to prepare for the winter ahead.

December: Cold air invaded the state early in December, bringing thoughts of an early winter. Snow fell in the East and over the Plateau on the 3rd, and accumulated statewide on the 9th. Precipitation during the first half of the month was on the light side. By mid-month, temperatures rebounded into the 60's in most areas. The last half of the month was quite warm, but it made conditions ripe for stormy weather. On Christmas Eve destructive, killer tornadoes ripped through the state causing millions of dollars in damage and claiming one life in Middle Tennessee. Damage to farm structures in West and Middle Tennessee was extensive. Heavy rains accompanied the storms, ending the year on a soggy note.

AVERAGE TEMPERATURE



AVERAGE PRECIPITATION (INCHES)



TENNESSEE LAST FREEZE DATES

Data taken from National Weather Service offices, Cooperative Observers, and University of Tennessee Experiment Stations through the years have provided the following table. The table lists the chance of occurrence, or probability, that a freeze will occur after a certain date. For example, at Bolivar there is a 90 percent chance (9 in 10) that the last freeze will occur after March 25 . . . a 50 percent chance that it will occur after April 6 . . . and a 10 percent chance after the 17th.

TENNESSEE SPRING FREEZE DATES AT SELECTED PROBABILITY LEVELS

DISTRICT/STATION	90 PERCENT	50 PERCENT	10 PERCENT
WEST TENNESSEE			
BOLIVAR	3/25	4/06	4/17
BROWNSVILLE	3/19	4/01	4/14
COVINGTON	3/16	3/31	4/14
DYERSBURG	3/09	3/26	4/12
JACKSON ES	3/25	4/06	4/18
JACKSON AP	3/23	4/03	4/15
MARTIN ES	3/24	4/07	4/21
MEMPHIS AP	3/08	3/23	4/08
MILAN	3/24	4/05	4/16
NEWBERN	3/20	4/01	4/12
PARIS	3/28	4/11	4/24
SAMBURG WLD REF	3/23	4/04	4/16
UNION CITY	3/23	4/06	4/20
MIDDLE TENNESSEE			
CLARKSVILLE	3/29	4/12	4/27
COLUMBIA	3/25	4/08	4/23
DICKSON	3/27	4/09	4/22
DOVER	4/04	4/22	5/10
FRANKLIN	3/29	4/14	4/29
LEWISBURG ES	3/30	4/15	5/01
MUFREESBORO	3/27	4/10	4/23
NASHVILLE AP	3/24	4/05	4/16
SAVANNAH	3/27	4/09	4/22
SHELBYVILLE	3/30	4/15	4/30
SPRINGFIELD ES	3/27	4/10	4/24
WAYNESBORO	4/11	4/27	5/13
CUMBERLAND PLATEAU			
ALLARDT	4/03	4/22	5/11
CELINA	4/07	4/20	5/02
CROSSVILLE ES	4/04	4/26	5/17
MCMINNVILLE	3/27	4/11	4/26
MONTEAGLE	3/26	4/11	4/27
TULLAHOMA	3/28	4/09	4/21
EAST TENNESSEE			
COPPERHILL	4/03	4/21	5/10
GATLINBURG	4/18	5/01	5/13
GREENEVILLE ES	4/09	4/23	5/08
KINGSPORT	4/03	4/16	4/29
KNOXVILLE UT	3/18	3/29	4/09
LENIOR CITY	3/31	4/13	4/25
NEWPORT	4/02	4/17	5/01
OAK RIDGE	3/28	4/11	4/26
ROGERSVILLE	4/06	4/22	5/07

TENNESSEE FIRST FREEZE DATES

Data taken by National Weather Service offices, Cooperative Observers, and University of Tennessee Experiment Stations through the years have provided, the following table. The table lists the chance of occurrence, or probability, that a freeze will occur by a certain date. For example, at Bolivar, there is a 10 percent chance (1 in 10) that a freeze will occur on or before October 9 . . . a 50 percent chance that it will occur by the 24th . . . and a 90 percent chance by November 8. Also, the historical first fall freeze date has been provided by the University of Tennessee.

TENNESSEE FALL FREEZE DATES AT SELECTED PROBABILITY LEVELS

DISTRICT/STATION	FIRST	10 PERCENT	50 PERCENT	90 PERCENT
WEST TENNESSEE				
AMES	10/02	10/05	10/20	11/04
BOLIVAR		10/09	10/24	11/08
BROWNSVILLE		10/16	10/29	11/11
COVINGTON	10/07	10/17	10/30	11/13
DYERSBURG	10/14	10/23	11/04	11/16
JACKSON ES	9/30	10/15	10/28	11/11
JACKSON AP	10/04	10/16	10/29	11/11
MARTIN ES	10/04	10/13	10/25	11/07
MEMPHIS AP	10/16	10/25	11/07	11/20
MILAN	10/02	10/10	10/23	11/04
NEWBERN		10/10	10/24	11/08
PARIS	10/03	10/09	10/22	11/05
SAMBURG WLD REF		10/14	10/25	11/05
UNION CITY	10/03	10/06	10/20	11/02
MIDDLE TENNESSEE				
CLARKSVILLE		10/08	10/22	11/05
COLUMBIA		10/05	10/20	11/04
DICKSON		10/08	10/22	11/06
DOVER		10/04	10/14	10/25
FRANKLIN		10/07	10/21	11/04
LEWISBURG ES	9/30	10/07	10/20	11/02
MURFREESBORO		10/09	10/22	11/04
NASHVILLE AP	10/02	10/13	10/29	11/11
SAVANNAH		10/12	10/25	11/07
SHELBYVILLE		10/06	10/21	11/05
SPRINGFIELD ES	10/03	10/07	10/19	11/01
SPRINGHILL ES	10/02	10/02	10/20	11/06
WAYNESBORO		9/28	10/11	10/23
CUMBERLAND PLATEAU				
ALLARDT		10/03	10/16	10/29
CELINA		10/05	10/20	11/03
CROSSVILLE ES	9/30	10/01	10/15	10/29
CROSSVILLE AP	10/02	10/04	10/19	11/02
MCMINNVILLE		10/08	10/23	11/07
MONTEAGLE		10/15	10/29	11/11
TULLAHOMA		10/08	10/21	11/04
EAST TENNESSEE				
BRISTOL AP	10/02	10/11	10/24	11/06
CHATTANOOGA	10/18	10/20	11/01	11/13
COPPERHILL		10/06	10/18	10/30
GATLINBURG		10/03	10/15	10/26
GREENEVILLE ES	10/03	10/08	10/20	10/31
KINGSPORT		10/07	10/20	11/02
KNOXVILLE UT	10/04	10/23	11/06	11/20
KNOXVILLE AP		10/23	11/04	11/17
LENOIR CITY		10/14	10/27	11/09
NEWPORT		10/09	10/21	11/03
OAK RIDGE		10/14	10/27	11/10
ROGERSVILLE		10/04	10/17	10/31

International Trade

INTERNATIONAL TRADE

INTRODUCTION

It is not possible under present methods of statistical measurement to determine what amount of Tennessee's agricultural production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series of data exist.

USDA's Economic Research Service (ERS) publishes estimates of U.S. agricultural export contributions by states on a fiscal year basis (October-September). See following page. These estimates are prepared by major commodity groups and in most cases are based on the assumption that, for each commodity, a state contributes the same export share as its share of production. However, where obvious distortions exist, this procedure is amended. In order to keep data manageable, ERS limits exports only to states that account for 90 percent of a given commodity's output. They also assumed that a state would export only if it had an apparent surplus. They further assume that, although this method could eliminate some export states, it's more likely that large exporters would be sufficiently credited. Thus, for Tennessee, ERS no longer publishes estimates for wheat, feed grains, fruits or nuts, and no allowance is made for them in the "other" category.

U.S. AGRICULTURAL EXPORTS JUMP $8 BILLION IN 1988

Increased exports of virtually every major agricultural product in 1988 boosted U.S. shipments by 29 percent to $37 billion. One exception, soybean exports, declined 3.5 million tons, but drought-supported prices pushed export value above 1987 levels. Wheat exports climbed 10 million tons and corn exports climbed 5.6 million tons, with prices 28 percent and 18 percent higher, respectively. Increased volume and price boosted corn and wheat export value roughly $2 billion each. Exports of bulk products such as coarse grains, wheat, and soybeans staged one of their largest year-to-year gains of the 1980's in 1988, climbing $5.1 billion to $19.7 billion. High-value exports reached a record $17.4 billion, supported by record exports of meats, fruits, juices, nuts, and hides and skins.

Relatively robust world economic growth and smaller crops overseas boosted U.S. agricultural exports in 1988. World economic growth overcame the deflationary impact of October 1987's stock market tumble and accelerated to a 3 percent plus annual growth rate for only the second time in the 1980's. Grain and oilseed production declined in the United States in 1988 as the worst early drought ever recorded struck producing areas. World prices soared as grain production in Canada and Argentina also suffered from poor rainfall. In addition, grain production in the USSR fell by 16 million tons from 1987's 211 million ton crop.

Large grain stocks permitted the United States to profit from higher grain prices despite reduced production. At more than 375 million tons, U.S. grain supplies after the 1988 harvest were roughly double the expected rate of domestic consumption. During 1988, much of the corn and wheat exported consisted of 1987 crops, exported at substantially increased prices after June. The winter wheat crop, largely spared from drought, also helped sustain wheat exports in 1988. Much of the U.S. winter wheat crop planted in late 1987 matured before drought took hold, sustaining U.S. exports as prices climbed during the summer of 1988.

U.S. soybean exports fell from 21.6 million tons to 18.1 million, a switch from the pattern of recent years when soybeans declined less than corn and wheat. However, export value rose $485 million to $4.9 billion. Between 1981 and 1987, grain exports declined in both value and volume most years, while soybeans showed a more stable trend. Unlike grains, soybeans are guaranteed duty-free entry to EC markers, and soybeans have been spared the direct impact of large, policy-driven price changes endured by wheat and corn in the mid-1980's U.S. corn and wheat exports fell from a $16 billion peak in 1981 to a $5.8 billion low point in 1986, recovering somewhat since then.

AGRICULTURAL EXPORTS: TENNESSEE AND U.S., 1986-88

Commodity	Tennessee 1986	Tennessee 1987	Tennessee 1988	United States 1986	United States 1987	United States 1988
	Million Dollars					
Soybeans and Products	120.3	105.3	104.4	5,578.5	5,752.9	6,915.5
Tobacco, unmanufactured	73.9	64.6	75.1	1,317.5	1,203.1	1,296.0
Cotton and Linters	21.6	58.2	94.9	691.9	1,429.4	2,150.1
Cottonseed and Products	3.4	2.3	5.0	113.3	56.1	114.5
Wheat and Products	—	—	—	3,546.8	3,115.6	4,673.8
Feed Grains and Products	—	—	—	4,707.2	4,662.3	6,228.5
Live Animals and Meat, Excluding Poultry	12.9	14.1	20.7	1,356.7	1,630.2	2,248.6
Fats, Oils, and Greases	3.2	2.8	3.4	476.5	416.8	544.6
Poultry and Products	1.1	1.3	1.6	455.3	594.3	647.4
Hides and Skins	8.9	9.9	10.7	1,440.4	1,665.6	1,837.5
Vegetables and Preparations	1.3	1.2	1.2	998.2	1,175.8	1,282.4
Dairy Products	5.8	6.8	7.2	431.0	490.6	535.5
Fruits and Preparations	—	—	—	1,237.0	1,466.2	1,714.4
Tree Nuts	—	—	—	491.6	593.7	779.7
Feeds & Fodders	2.3	1.9	2.8	557.0	671.9	872.9
Seeds	3.3	3.3	3.7	366.4	371.1	414.5
Other	6.7	7.9	9.7	1,427.8	1,656.3	1,958.9
All Commodities	264.8	279.6	340.4	26,306.9	27,876.0	35,334.3

Source: Foreign Agricultural Trade of the United States—Fiscal year ending September 30, USDA, ERS. March/April 1989.

VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE, CALENDAR YEARS 1971-88

Year	U.S. Exports				U.S. Imports				Trade Balance		
	Agricultural	Non Agricultural	Total	Percent Agricultural	Agricultural	Non Agricultural	Total	Percent Agricultural	Agricultural	Non Agricultural	Total
	Million Dollars			Percent	Million Dollars			Percent	Million Dollars		
1971	7,693	35,799	43,492	18	5,823	39,693	45,516	13	1,870	- 3,894	- 2,024
1972	9,401	39,558	48,959	19	6,467	48,843	55,310	12	2,934	- 9,285	- 6,351
1973	17,680	52,566	70,246	25	8,419	60,605	69,024	12	9,261	- 8,039	1,222
1974	21,945	75,199	97,144	23	10,221	89,919	100,140	10	11,724	- 14,720	- 2,996
1975	21,859	84,702	106,561	21	9,293	87,638	96,931	10	12,566	- 2,936	9,630
1976	22,978	90,688	113,666	20	10,966	110,486	121,452	9	12,012	- 19,798	- 7,786
1977	23,636	95,370	119,006	20	13,438	134,538	147,976	9	10,198	- 39,168	- 28,970
1978	29,382	111,744	141,126	21	14,805	158,107	172,912	9	14,577	- 46,363	- 31,786
1979	34,749	143,842	178,591	19	16,724	189,126	205,850	8	18,025	- 45,284	- 27,259
1980	41,233	175,359	216,592	19	17,366	226,611	243,977	7	23,867	- 51,252	- 27,385
1981	43,339	185,622	228,961	19	16,772	242,240	259,012	6	26,567	- 56,618	- 30,051
1982	36,627	170,531	207,158	18	15,341	226,999	242,340	6	21,286	- 56,468	- 35,182
1983	36,099	159,870	195,969	18	16,530	240,150	256,680	6	19,569	- 80,280	- 60,711
1984	37,804	174,253	212,057	18	19,334	303,656	322,990	6	18,470	-129,403	-110,933
1985	29,041	177,884	206,925	14	19,968	323,584	343,552	6	9,073	-145,700	-136,627
1986	26,217	183,330	209,547	13	21,440	347,217	368,657	6	4,777	-163,887	-159,110
1987	28,709	215,150	243,859	12	20,402	381,664	402,066	5	8,307	-166,514	-158,207
1988	37,093	271,302	308,395	12	20,951	416,189	437,140	5	16,142	-144,887	-128,745

Source: Foreign Agricultural Trade of the United States, USDA, ERS, January/February 1989.

Other Statistics

CROPS: USUAL PLANTING AND HARVESTING DATES, TENNESSEE

Crop	1988 Harvested Acreage	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Agricultural Statistics Districts*
			Begin	Most Active	End	
Corn:						
Grain	530,000	Apr. 5-June 5	Sept. 1	Sept. 20-Oct. 20	Dec. 1	statewide
Silage	125,000	Apr. 5-June 5	Aug. 1	Aug. 20-Sept. 20	Oct. 20	statewide
Cotton	530,000	Apr. 20-June 1	Sept. 20	Oct. 5-Nov. 1	Dec. 1	1, 2
Hay	1,600,000		May 1		Oct. 1	statewide
Sorghum:						
Grain	35,000	May 1-July 1	Sept. 1	Sept. 20-Oct. 20	Dec. 1	1, 2, 3, 4
Silage	8,000	May 1-July 1	Aug. 20	Sept. 1-Sept. 30	Oct. 15	1, 2, 3, 4
Soybeans	1,320,000	May 5-July 5	Oct. 5	Oct. 20-Nov. 20	Dec. 5	1, 2, 3, 4
Tobacco:						
E. Dark-Fired (22)	5,600	May 10-June 20	Aug. 10	Aug. 25-Sept. 15	Oct. 1	3, 4
W. Dark-Fired (23)	440	May 10-June 20	Aug. 10	Aug. 25-Sept. 15	Oct. 1	Obion, Henry, Weakley
Burley (31)	42,000	May 10-June 20	Aug. 10	Aug. 20-Sept. 15	Oct. 1	3, 4, 5, 6
One-Sucker (35)	480	May 10-June 20	Aug. 10	Aug. 20-Sept. 15	Oct. 1	2, 3, 4
Wheat, Winter	430,000	Sept.20-Nov. 30	June 10	June 15-July 1	July 5	statewide
Vegetable Crops:						
Processing						
Snap Beans	6,000	May 1-July 31	June 25	July 1-Sept. 30	Oct. 5	Cumberland Plateau
Fresh Market						
Tomatoes	4,600	Apr. 20-May 25	June 25	July 1-Aug. 31	Oct. 15	1, 5, 6
Irish Potatoes	1,400	Mar. 5-June 30	June 15	June 20-Sept. 15	Sept. 30	1, 4, 5, 6
Sweet Potatoes	800	May 1-June 15	Aug. 20	Sept. 15-Oct. 25	Nov. 10	statewide
Fruit:						
Apples						
East			July 15	Sept. 1-Oct. 10	Oct. 20	5, 6
Middle, West			July 1	Aug. 20-Sept. 30	Oct. 5	1, 2, 3, 4
Peaches			June 20	July 1-Aug. 10	Aug. 15	statewide

*See State Map

TILLAGE PRACTICES

No-till planting of soybeans, corn and grain sorghum gained some ground in 1988 at the expense of other conservation tillage practices. However, conventional tillage accounts for 80 percent of the 1988 corn, soybeans and grain sorghum land, about the same as 1986 and 1987.

Soybeans showed the largest increase in no-till acres as farmers tried desperately to battle the dry weather and poor planting conditions. It appears that the steady decline in no-till soybeans since 1984 has turned. Other conservation tillage for soybeans has continued to fall and was favored for only 100,000 acres, a decline of 110,000 acres since 1984.

Double cropping of soybeans and wheat was a popular practice in 1988 with the most acreage since 1984.

TILLAGE PRACTICES USED: BY CROP, TENNESSEE, 1984-88

Crop	Year	Total Acres Planted	No-Till[1]		Other Conservation Tillage[2]		Conventional Till[3]		Double Cropped[4]	
			Acres	% of Total[5]	Acres	% of Total[5]	Acres	% of Total[5]	Acres	% of Total
Soybeans	1984	1,900,000	370,000	19.5	210,000	11.1	1,320,000	69.5	490,000	25.8
	1985	1,500,000	240,000	16.0	140,000	9.3	1,120,000	74.7	230,000	15.3
	1986	1,470,000	180,000	12.2	140,000	9.5	1,150,000	78.2	280,000	19.0
	1987	1,300,000	140,000	10.8	120,000	9.2	1,040,000	80.0	290,000	22.3
	1988	**1,400,000**	**180,000**	**12.9**	**100,000**	**7.1**	**1,120,000**	**80.0**	**340,000**	**24.3**
Corn	1984	850,000	191,000	22.5	126,000	14.8	533,000	62.7	52,000	6.1
	1985	950,000	120,000	12.6	160,000	16.8	670,000	70.5	60,000	6.3
	1986	910,000	100,000	11.0	100,000	11.0	710,000	78.0	40,000	4.4
	1987	730,000	75,000	10.3	80,000	11.0	575,000	78.8	30,000	4.1
	1988	**680,000**	**85,000**	**12.5**	**60,000**	**8.8**	**535,000**	**78.7**	**40,000**	**5.9**
Sorghum	1984	280,000	36,500	13.0	35,200	12.6	208,300	74.4	18,700	6.7
	1985	480,000	25,000	5.2	50,000	10.4	405,000	84.4	15,000	3.1
	1986	180,000	10,000	5.6	30,000	16.7	140,000	77.8	10,000	5.6
	1987	90,000	5,000	5.6	17,000	18.9	68,000	75.6	5,000	5.6
	1988	**45,000**	**3,000**	**6.7**	**5,000**	**11.1**	**37,000**	**82.2**	**3,000**	**6.7**
TOTAL	1984	3,030,000	597,500	19.7	371,200	12.3	2,061,300	68.0	560,700	18.5
	1985	2,930,000	385,000	13.1	350,000	11.9	2,195,000	74.9	305,000	10.4
	1986	2,560,000	290,000	11.3	270,000	10.5	2,000,000	78.1	330,000	12.9
	1987	2,120,000	220,000	10.4	217,000	10.2	1,683,000	79.4	325,000	15.3
	1988	**2,125,000**	**268,000**	**12.6**	**165,000**	**7.8**	**1,692,000**	**79.6**	**383,000**	**18.0**

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[1] No-Till—A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop or the planting of a crop into sod, previous crop stubble or a cover where only the intermediate seed zone is disturbed.

[2] Other Conservation Tillage—Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge-till, strip-till, and mulch till.

[3] Conventional Till—Systems where 100 percent of the surface layer is mixed or inverted by plowing, power tilling, or multiple disking.

[4] Double Cropped—Two crops harvested from the same field during one year. Example: small grain harvest Spring 1987, followed by soybeans, corn or sorghum in the Fall.

[5] Sum of no-till, other conservation and conventional till percents of total may not add to 100 percent due to rounding.

SOYBEANS TILLAGE PRACTICES: BY DISTRICT, TENNESSEE, 1987-88

Year	District	Total Acres Planted	No-Till		Other Conservation Till		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1987	1	540,000	34,000	6.3	35,000	6.5	471,000	87.2
	2	455,000	51,000	11.2	47,000	10.3	357,000	78.5
	3	85,000	23,000	27.1	11,000	12.9	51,000	60.0
	4	116,000	15,000	12.9	23,000	19.8	78,000	67.2
	5	80,000	13,000	16.3	3,000	3.8	64,000	80.0
	6	24,000	4,000	16.7	1,000	4.2	19,000	79.2
State		1,300,000	140,000	10.8	120,000	9.2	1,040,000	80.0
1988	**1**	**585,000**	**55,000**	**9.4**	**21,000**	**3.6**	**509,000**	**87.0**
	2	**505,000**	**63,000**	**12.5**	**45,000**	**8.9**	**397,000**	**78.6**
	3	**85,000**	**25,000**	**29.4**	**6,000**	**7.1**	**54,000**	**63.5**
	4	**120,000**	**17,000**	**14.2**	**24,000**	**20.0**	**79,000**	**65.8**
	5	**81,000**	**15,000**	**18.5**	**3,000**	**3.7**	**63,000**	**77.8**
	6	**24,000**	**5,000**	**20.8**	**1,000**	**4.2**	**18,000**	**75.0**
State		**1,400,000**	**180,000**	**12.9**	**100,000**	**7.1**	**1,120,000**	**80.0**

CORN TILLAGE PRACTICES: BY DISTRICT, TENNESSEE, 1987-88

Year	District	Total Acres Planted	No-Till		Other Conservation Till		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1987	1	93,000	5,000	5.4	6,000	6.5	82,000	88.2
	2	250,000	20,000	8.0	33,000	13.2	197,000	78.8
	3	91,000	10,000	11.0	6,000	6.6	75,000	82.4
	4	110,000	13,000	11.8	13,000	11.8	84,000	76.4
	5	92,000	10,000	10.9	8,000	8.7	74,000	80.4
	6	94,000	17,000	18.1	14,000	14.9	63,000	67.0
State		730,000	75,000	10.3	80,000	11.0	575,000	78.8
1988	**1**	**100,000**	**8,000**	**8.0**	**5,000**	**5.0**	**87,000**	**87.0**
	2	**237,000**	**23,000**	**9.7**	**20,000**	**8.4**	**194,000**	**81.9**
	3	**81,000**	**11,000**	**13.6**	**5,500**	**6.8**	**64,500**	**79.6**
	4	**100,000**	**14,000**	**14.0**	**11,000**	**11.0**	**75,000**	**75.0**
	5	**80,000**	**11,000**	**13.8**	**7,500**	**9.4**	**61,500**	**76.9**
	6	**82,000**	**18,000**	**22.2**	**11,000**	**13.4**	**53,000**	**64.6**
State		**680,000**	**85,000**	**12.5**	**60,000**	**8.8**	**535,000**	**78.7**

SORGHUM TILLAGE PRACTICES: BY DISTRICT, TENNESSEE, 1987-88

Year	District	Total Acres Planted	No-Till		Other Conservation Till		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1987	1	31,000	700	2.3	5,000	16.1	25,300	81.6
	2	34,000	2,000	5.9	6,000	17.6	26,000	76.5
	3	5,000	500	10.0	1,500	30.0	3,000	60.0
	4	10,000	1,000	10.0	2,500	25.0	6,500	65.0
	5	6,000	500	8.3	1,400	23.3	4,100	68.3
	6	4,000	300	7.5	600	15.0	3,100	77.5
State		90,000	5,000	5.6	17,000	18.9	68,000	75.6
1988	**1**	**13,000**	**500**	**3.8**	**1,500**	**11.5**	**11,000**	**84.6**
	2	**17,600**	**1,500**	**8.5**	**1,600**	**9.1**	**14,500**	**82.4**
	3	**2,500**	**200**	**8.0**	**500**	**20.0**	**1,800**	**72.0**
	4	**5,500**	**400**	**7.3**	**900**	**16.4**	**4,200**	**76.4**
	5	**3,300**	**200**	**6.1**	**300**	**9.1**	**2,800**	**84.8**
	6	**3,100**	**200**	**6.5**	**200**	**6.5**	**2,700**	**87.1**
State		**45,000**	**3,000**	**6.7**	**5,000**	**11.1**	**37,000**	**82.2**

PRICES PAID BY FARMERS FOR SELECTED FEEDS: TENNESSEE, BY MONTHS, 1983-89[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Dollars Per Cwt.												
BRAN												
1983	9.00	8.90	9.10	9.20	9.00	9.00	9.10	8.90	9.00	9.50	9.10	9.50
1984	10.50	10.00	10.50	10.50	10.00	9.70	9.80	9.70	9.50	9.60	9.60	9.80
1985	9.50	9.60	9.70	9.80	9.50	9.40	9.30	9.10	8.90	8.40	8.50	8.80
1986	8.80	9.00		9 70			9.40			9.00		
1987	8.80			9.30			8.80			9.10		
1988	9.30			9.40			10.00			10.30		
1989	**10.50**			**10.60**								
MIDDLINGS												
1983	8.70	8.20	8.80	8.90	8.90	8.60	8.20	8.70	9.00	8.70	9.00	9.50
1984	9.80	10.00	9.90	9.70	9.90	10.00	9.70	9.40	9.60	9.50	9.40	9.50
1985	8.80	9.20	9.30	9.40	8.80	8.90	9.00	8.70	8.30	7.80	7.80	7.80
1986	7.90	8.20		8.40			7.90			7.30		
1987	7.90			7.20			7.70			7.30		
1988	8.30			7.80			9.70			9.20		
1989	**9.40**			**9.60**								
COTTONSEED MEAL (41% PROTEIN)												
1983	12.00	12.50	12.50	13.00	13.00	13.00	13.00	14.00	15.50	15.50	15.50	15.50
1984	15.50	15.50	14.00	14.50	15.00	14.50	14.00	14.00	13.50	13.00	12.00	11.50
1985	10.50	10.00	10.00	10.00	9.60	9.30	9.30	9.40	8.80	8.90	9.70	10.00
1986	10.00	10.50		12.10			11.80			12.30		
1987	12.90			12.30			13.30			13.40		
1988	14.50			14.40			16.20			16.30		
1989	**16.00**			**15.70**								
SOYBEAN MEAL (44% PROTEIN)												
1983	13.00	13.50	13.50	14.00	14.50	14.00	13.50	15.00	16.00	16.00	16.00	15.50
1984	15.50	15.00	13.50	14.00	14.50	14.50	14.50	14.00	13.50	12.50	11.50	11.00
1985	10.50	11.00	11.00	11.00	10.50	10.00	10.00	9.90	9.90	9.90	10.00	10.50
1986	11.00	11.00		11.70			11.50			11.60		
1987	11.50			11.30			12.70			12.70		
1988	14.00			13.70			18.80			17.80		
1989	**17.60**			**16.60**								
Dollars Per Ton												
HOG FEED (14-18% PROTEIN)												
1983	192	196	198	220	210	220	200	220	240	240	230	220
1984	230	230	230	230	220	220	220	210	200	190	190	186
1985	190	192	194	192	186	192	186	182	178	176	178	184
1986	184	182		197			190			188		
1987	192			184			192			188		
1988	212			205			247			243		
1989	**238**			**231**								
MIXED DAIRY FEED (16% PROTEIN)												
1983	171	172	176	186	188	187	185	195	210	210	205	205
1984	205	205	198	200	200	198	186	188	182	173	168	166
1985	172	168	169	166	162	166	163	157	157	153	160	163
1986	170	164		166			160			152		
1987	155			158			155			158		
1988	172			169			203			202		
1989	**197**			**196**								
LAYING FEED												
1983	176	181	181	210	215	210	196	220	220	215	215	215
1984	215	215	210	215	215	215	205	200	197	185	176	173
1985	175	179	177	176	170	172	171	164	173	168	162	171
1986	183	171		166			170			159		
1987	165			175			186			167		
1988	183			174			217			214		
1989	**215**			**203**								

[1] Monthly state estimates discontinued after February 1986. Quarterly estimates for Appalachian Farm Production Region beginning April, 1986. Appalachian Region includes Tennessee, Kentucky, North Carolina, Virginia and West Virginia.

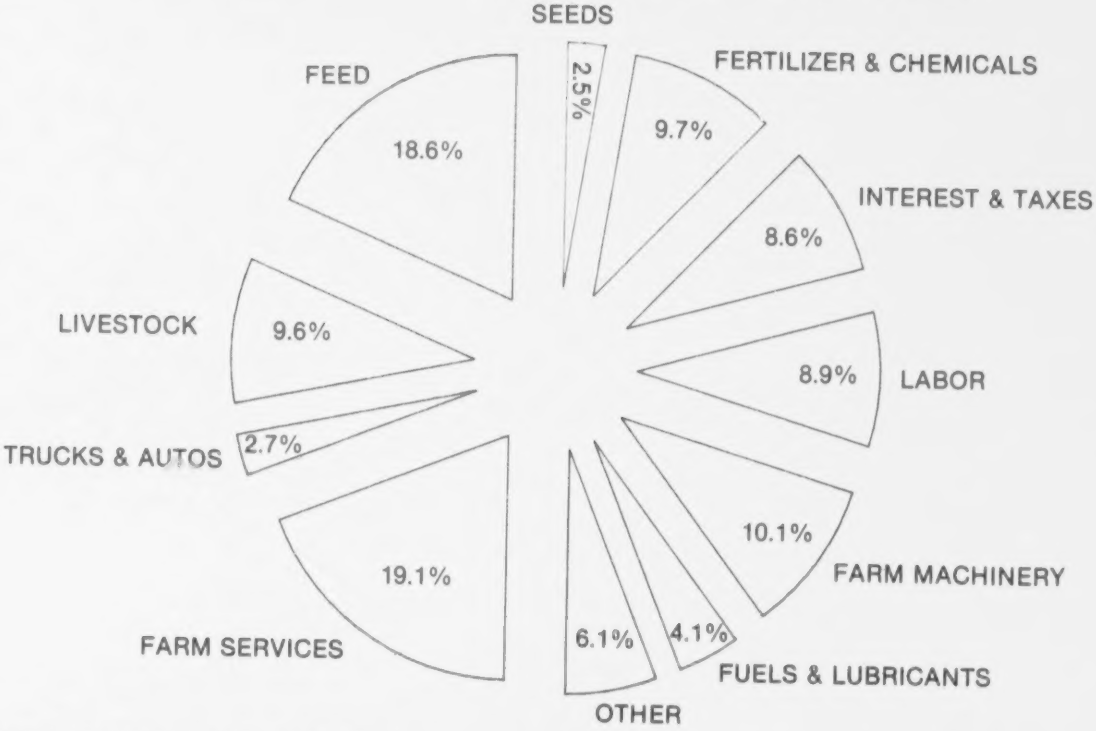
PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION: 1985-88

Commodity and Unit	Annual Average Price[1]			
	1985	1986	1987	1988
EAST SOUTH CENTRAL REGION[2]			Dollars	
FERTILIZER AND PESTICIDE MATERIALS:				
Commercial Fertilizer, per ton				
5-10-15	162.00	151.00	148.00	163.00
5-20-20	166.00	152.00	157.00	175.00
6-12-12	144.00	138.00	137.00	146.00
10-10-10	142.00	130.00	125.00	140.00
Superphosphate, 44-46% P_2O_5, per ton	190.00	181.00	195.00	224.00
Nitrate of Soda, per ton	216.00	215.00	213.00	225.00
Ammonium Nitrate, per ton	184.00	169.00	155.00	171.00
Urea, 44-46% N, per ton	199.00	161.00	154.00	183.00
Muriate of Potash, 60% K_2O, per ton	135.00	120.00	135.00	173.00
Limestone, spread on field, per ton	15.40	16.40	16.40	16.30

[1] Annual average prices are straight rather than weighted averages.

[2] Includes Tennessee, Kentucky, Louisiana, Mississippi, and Alabama. Individual State estimates are not published.

FARM PRODUCTION EXPENSES APPALACHIAN REGION, 1988[1]



[1] Appalachian Region includes Tennessee, Kentucky, North Carolina, Virginia and West Virginia.

CROP PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE, 1987[1]

COTTON

ITEM	DOLLARS
Gross Value (excl. direct Gov't payments)	
Primary Crop	442.65
Secondary Crop	44.11
Total	486.76
Cash Expenses:	
Seed	8.83
Fertilizer	34.89
Lime and Gypsum	0.83
Chemicals	26.51
Custom Operations	12.56
Fuel, Lube, and Electricity	15.37
Repairs	28.86
Hired Labor	15.24
Ginning	57.13
Technical Services	0.66
Total, Variable Cash Expenses	200.88
General Farm Overhead	27.65
Taxes and Insurance	12.19
Interest on Operating Loans	14.75
Interest on Real Estate	31.06
Total, Fixed Cash Expenses	85.65
Total, Cash Expenses	286.53
Gross Value Less Cash Expenses (excl. direct Gov't payments)	200.23
Capital Replacement	53.75
Gross Value Less Cash Expenses and Replacement (excl. direct Gov't payments)	146.47
Economic (Full Ownership) Costs:	
Variable Cash Expenses	200.88
General Farm Overhead	27.65
Taxes and Insurance	12.19
Capital Replacement	53.76
Allocated Returns to Owned Inputs:	
Return to Operating Capital	2.56
Return to Other Nonland Capital	10.35
Net Land Return	70.78
Unpaid Labor	6.23
Total, Economic Costs	384.40
Residual Returns to Management and Risk (excl. direct Gov't payments)	102.36
Harvest-Period Price (Dollars/Lb.)	0.64
Yield (Lbs./Planted Acre)	691.64

CORN

ITEM	DOLLARS
Gross Value (excl. direct Gov't payments)	
Primary Crop	152.08
Total	152.08
Cash Expenses:	
Seed	15.88
Fertilizer	48.09
Lime and Gypsum	1.33
Chemicals	19.23
Custom Operations	4.94
Fuel, Lube, and Electricity	10.46
Repairs	11.48
Hired Labor	4.48
Drying	5.00
Total, Variable Cash Expenses	120.89
General Farm Overhead	8.64
Taxes and Insurance	9.25
Interest on Operating Loans	4.61
Interest on Real Estate	9.70
Total, Fixed Cash Expenses	32.20
Total, Cash Expenses	153.09
Gross Value Less CashExpenses (excl. direct Gov't payments)	-1.01
Capital Replacement	26.98
Gross Value Less Cash Expenses and Replacement (excl. direct Gov't payments)	-27.99
Economic (Full Ownership) Costs:	
Variable Cash Expenses	120.89
General Farm Overhead	8.64
Taxes and Insurance	9.25
Capital Replacement	26.98
Allocated Returns to Owned Inputs:	
Return to Operating Capital	2.60
Return to Other Nonland Capital	6.13
Net Land Return	27.71
Unpaid Labor	12.73
Total, Economic Costs	214.93
Residual Returns to Management and Risk (excl. direct Gov't payments)	-62.85
Harvest-Period Price (Dollars/Bu.)	1.70
Yield (Bu./Planted Acre)	89.46

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[1] All costs and returns are preliminary as of 09/01/88.

Source: "State-Level Costs of Production, 1987," USDA, Economic Research Service, March 1989.

CROP PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE, 1987[1]

SOYBEANS

ITEM	DOLLARS
Gross Value (excl. direct Gov't payments)	
Primary Crop	120.78
Total	120.78
Cash Expenses:	
Seed	8.68
Fertilizer	10.85
Lime and Gypsum	1.33
Chemicals	19.25
Custom Operations	4.24
Fuel, Lube, and Electricity	8.32
Repairs	8.98
Hired Labor	2.14
Technical Services	0.01
Total, Variable Cash Expenses	63.80
General Farm Overhead	6.86
Taxes and Insurance	7.92
Interest on Operating Loans	3.66
Interest on Real Estate	7.71
Total, Fixed Cash Expenses	26.15
Total, Cash Expenses	89.95
Gross Value Less Cash Expenses (excl. direct Gov't payments)	30.83
Capital Replacement	29.61
Gross Value Less Cash Expenses and Replacement (excl. direct Gov't payments)	1.22
Economic (Full Ownership) Costs:	
Variable Cash Expenses	63.80
General Farm Overhead	6.86
Taxes and Insurance	7.92
Capital Replacement	29.61
Allocated Returns to Owned Inputs:	
Return to Operating Capital	1.60
Return to Other Nonland Capital	5.52
Net Land Return	28.71
Unpaid Labor	8.05
Total, Economic Costs	152.07
Residual Returns to Management and Risk (excl. direct Gov't payments)	-31.29
Harvest-Period Price (Dollars/Bu.)	5.46
Yield (Bu./Planted Acre)	22.12

SOFT RED WINTER WHEAT

ITEM	DOLLARS
Gross Value (excl. direct Gov't payments)	
Primary Crop	84.79
Secondary Crop	3.31
Total	88.10
Cash Expenses:	
Seed	12.58
Fertilizer	20.26
Lime and Gypsum	0.37
Chemicals	0.49
Custom Operations	1.60
Fuel, Lube, and Electricity	5.03
Repairs	5.37
Hired Labor	2.21
Total, Variable Cash Expenses	47.91
General Farm Overhead	5.00
Taxes and Insurance	5.12
Interest on Operating Loans	2.67
Interest on Real Estate	5.62
Total, Fixed Cash Expenses	18.41
Total, Cash Expenses	66.32
Gross Value Less Cash Expenses (excl. direct Gov't payments)	21.78
Capital Replacement	17.47
Gross Value Less Expenses and Replacement (excl. direct Gov't payments)	4.31
Economic (Full Ownership) Costs:	
Variable Cash Expenses	47.91
General Farm Overhead	5.00
Taxes and Insurance	5.12
Capital Replacement	17.47
Allocated Returns to Owned Inputs:	
Return to Operating Capital	1.50
Return to Other Nonland Capital	3.60
Net Land Return	24.76
Unpaid Labor	4.92
Total, Economic Costs	110.28
Residual Returns to Management and Risk (excl. direct Gov't payments)	-22.18
Harvest-Period Price (Dollars/Bu.)	2.60
Yield (Bu./Planted Acre)	32.61

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[1] All costs and returns are preliminary as of 09/01/88.

Source: "State-Level Costs of Production, 1987," USDA, Economic Research Service, March 1989.

MEASURED ROW SPACING OF SOYBEANS: PERCENTAGE DISTRIBUTION AND AVERAGE WIDTH, TENNESSEE, 1979-88[1]

Year	Number of Samples	Row Width Groups (Inches)					Average Width[2] (Inches)
		10.0 & Less[2]	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		Percent of Plots					
1979	82	10.4	6.7	8.5	14.0	60.4	33.0
1980	82	16.5	5.5	9.1	12.8	56.1	31.9
1981	79	18.4	10.1	11.4	10.8	49.3	30.0
1982	75	26.0	6.0	14.0	12.7	41.3	28.3
1983	83	21.7	12.7	7.2	27.1	31.3	28.6
1984	85	10.0	6.5	15.9	13.5	54.1	31.8
1985	85	15.3	6.5	8.8	21.8	47.6	31.6
1986	78	12.8	8.3	18.6	18.0	42.3	29.4
1987	90	10.1	10.6	18.4	12.9	48.0	29.3
1988[3]	85	11.3	14.9	19.1	9.5	45.2	28.3

[1] Based on row measurements in plots selected for objective yield samples.

[2] Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

[3] Preliminary.

FERTILIZER USAGE: SOYBEANS AND COTTON, TENNESSEE, 1979-88

Year	Acres Harvested	Fields in Survey	Acres Receiving				Rate Per Acre Receiving[1]			Acres Fertilized[2]		
			Any Fert.	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding Only	After Seeding Only	At or Before & After Seeding
	Thousands	Number	Percent				Pounds			Percent		
						Cotton						
1979	230	98	99.0	99.0	99.0	99.0	76.3	74.4	79.2	81.4	1.0	17.6
1980	275	100	100.0	100.0	94.0	94.0	73.3	64.1	74.2	75.0	1.0	24.0
1981[3]	305	—	—	—	—	—	—	—	—	—	—	—
1982	255	99	97.0	97.0	97.0	97.0	67.1	62.3	68.1	77.1	0	22.9
1983	215	99	100.0	100.0	100.0	100.0	91.0	65.0	71.0	58.0	0	42.0
1984	325	97	100.0	100.0	100.0	100.0	82.0	62.0	68.0	67.0	0	33.0
1985	335	100	100.0	99.0	97.0	94.0	78.0	61.0	67.0	82.0	5.0	13.0
1986	335	99	100.0	100.0	100.0	100.0	75.0	65.0	71.0	68.0	0	32.0
1987[3]	—	—	—	—	—	—	—	—	—	—	—	—
1988[3]	—	—	—	—	—	—	—	—	—	—	—	—
						Soybeans						
1979	2,620	82	68.3	43.9	65.9	67.1	13.8	46.0	63.4	98.2	1.8	0
1980	2,550	82	74.4	51.2	73.2	73.2	15.6	45.0	58.0	98.4	1.6	0
1981	2,350	79	69.6	43.0	65.8	69.6	14.0	41.9	59.6	98.2	1.8	0
1982	2,300	75	62.7	33.3	62.7	62.7	14.2	42.7	55.3	95.7	4.3	0
1983	1,970	85	67.0	38.0	65.0	67.0	20.0	48.0	60.0	100.0	0	0
1984	1,850	89	64.0	40.0	61.0	63.0	16.0	43.0	60.0	94.0	4.0	2.0
1985	1,460	87	66.0	33.0	59.0	66.0	19.0	45.0	63.0	100.0	0	0
1986	1,420	81	48.0	22.0	47.0	48.0	18.0	44.0	57.0	100.0	0	0
1987	1,250	96	49.0	20.0	43.0	48.0	20.0	53.0	66.0	100.0	0	0
1988	1,400	94	57.0	30.0	52.0	55.0	34.0	44.0	61.0	98.0	2.0	0

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[1] P_2O_5 is converted to P by multiplying by .43642; K_2O is coverted to K by multiplying by .83016.

[2] Percentages apply to acres receiving fertilizer, not to total acres harvested.

[3] Discontinued.

FERTILIZER CONSUMPTION: TENNESSEE, 1946-88

Year	Mixtures	Direct Application Materials	Total Fertilizer
	Tons	Tons	Tons
1946	223,896	188,271	412,167
1947	275,280	142,842	418,122
1948	343,894	156,380	500,274
1949	353,585	145,463	499,048
1950	340,553	165,785	506,338
1951	389,069	159,236	548,305
1952	443,327	159,533	602,860
1953	417,609	162,302	579,911
1954	395,132	128,962	524,094
1955	409,546	122,265	531,811
1956	410,208	105,931	516,139
1957	423,602	121,511	545,113
1958	410,013	103,472	513,485
1959	476,761	124,440	601,201
1960	490,631	133,408	624,039
1961	470,113	154,744	624,857
1962	487,523	154,829	642,352
1963	496,617	162,957	659,574
1964	531,835	164,979	696,814
1965	542,094	134,988	677,082
1966	615,165	181,368	796,533
1967	615,693	206,101	821,794
1968	610,506	162,409	772,915
1969	623,385	202,016	825,401
1970	534,450	215,997	750,447
1971	516,897	229,075	745,972
1972	508,539	227,596	736,135
1973	505,645	260,846	766,491
1974	524,490	291,560	816,050
1975	420,406	271,230	691,636
1976	440,466	301,734	742,200
1977	497,970	361,097	859,067
1978	449,873	348,101	797,974
1979	435,262	346,292	781,554
1980	410,396	365,273	775,669
1981	431,764	454,371	886,135
1982	304,293	407,155	711,448
1983	278,360	390,177	668,537
1984	321,829	399,226	721,055
1985	313,598	423,635	737,233
1986	231,599	423,250	654,849
1987	154,787	632,551	787,338
1988	344,288	461,450	805,738

SOURCE: Annual Fertilizer Tonnage Report, Tennessee Department of Agriculture, Division of Marketing.

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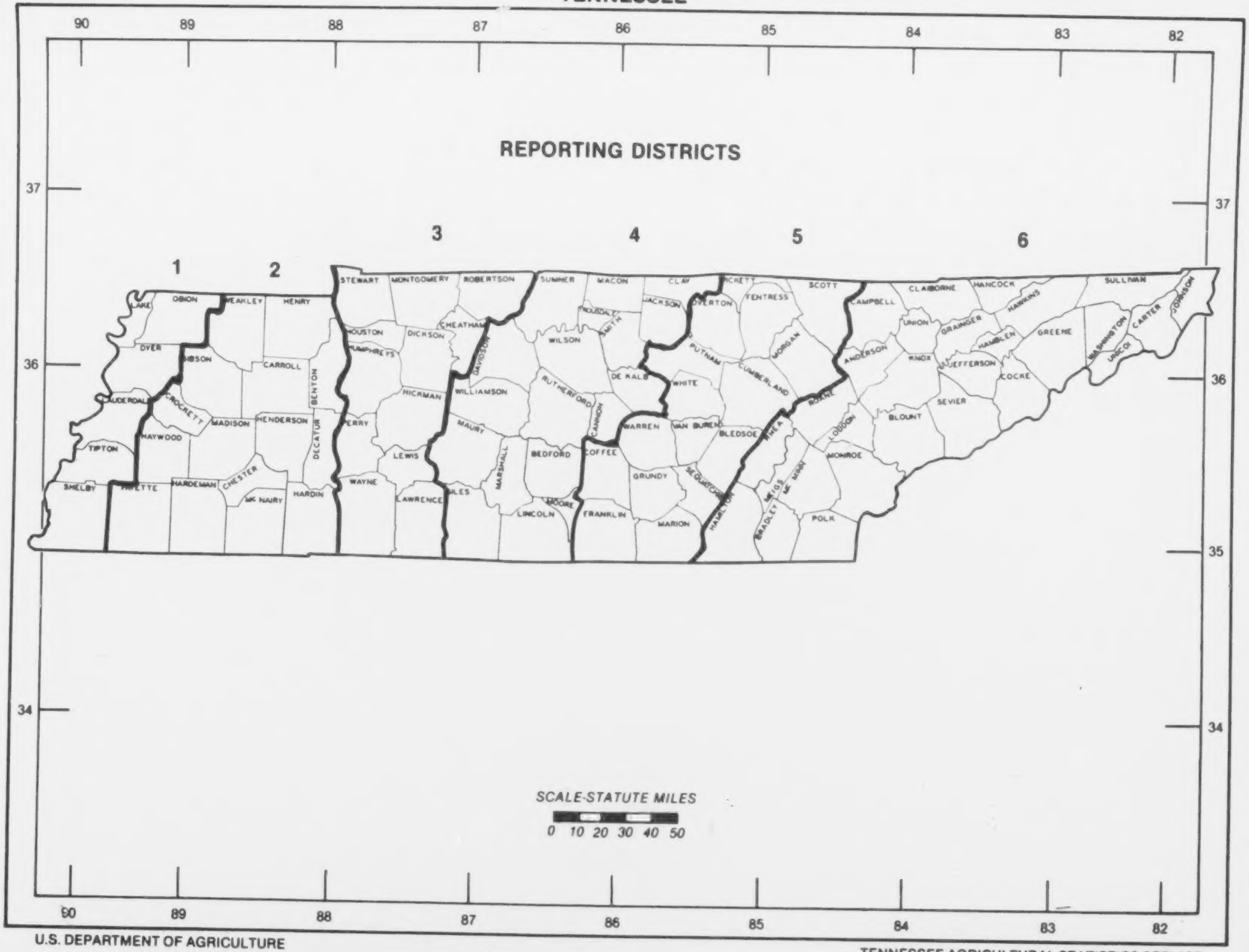
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